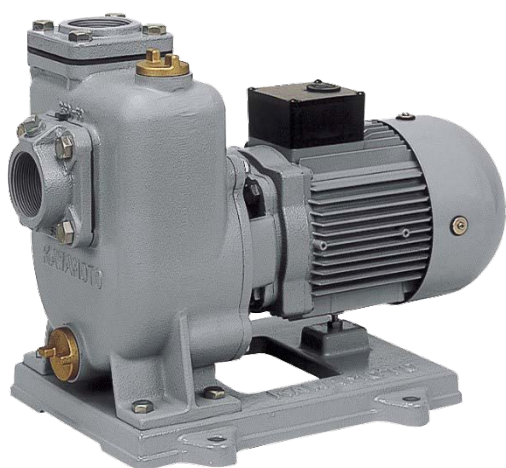


GS02/3-C

GS2/3-C

GS-M

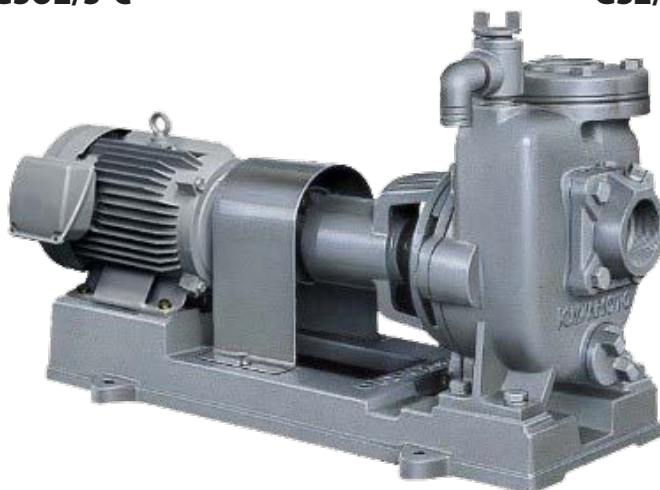
KAWAMOTO SELF-PRIMING PUMP
2 POLES / 50 Hz



GS02/3-C



GS2/3-C



GS-M

GSO2/3-C BORE SIZE 40~50MM

APPLICATIONS AND FEATURES

■ APPLICATIONS

- Self priming type
- Snow melting
- Agriculture
- Industry
- Cooling water

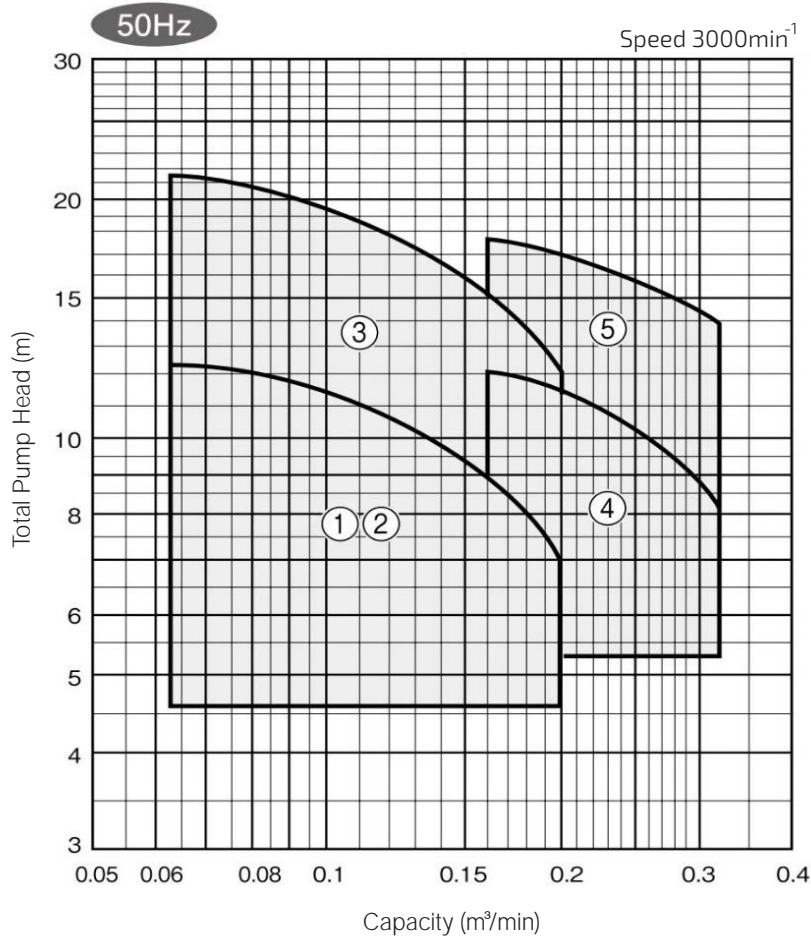
■ FEATURES

- Superior suction performance.
- Strong and durable construction against sand by adopting special kind mechanical seal.
- Excellent performance make it possible to pump up much water even from draw down well.
- Back pull out construction.
- Semi-open impeller enable stuck free pumping works.
- Long life and strong against dust and humidity because TEFC motor is standardly adopted.

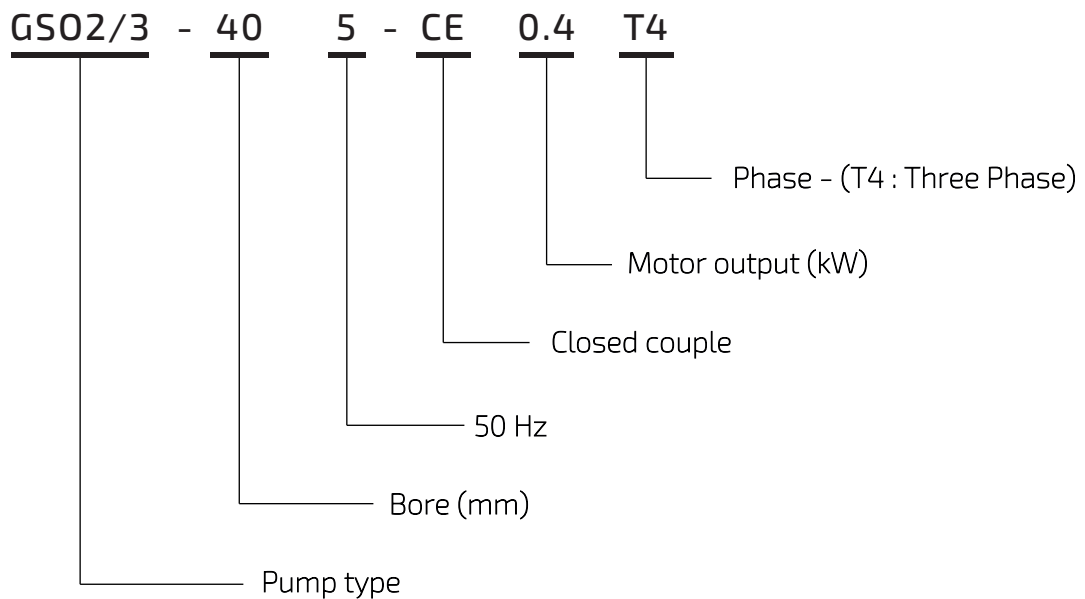
STANDARD SPECIFICATIONS

Description		Model : GSO2/3-C
Applicable Liquid		Clean water
Liquid Temperature		0 ~ 40 °C (however there should be no freezing)
Main Pump	Casing	Cast iron
	Impeller	Bronze or Resin or SCS13 (Semi-opened impeller)
	Shaft	SUS304
Motor	Speed	2900 rpm
	Protection	IP54, TEFC
Construction	Shaft Seal	Mechanical seal Sic x Carbon

PERFORMANCE CHART (GSO2/3-C)



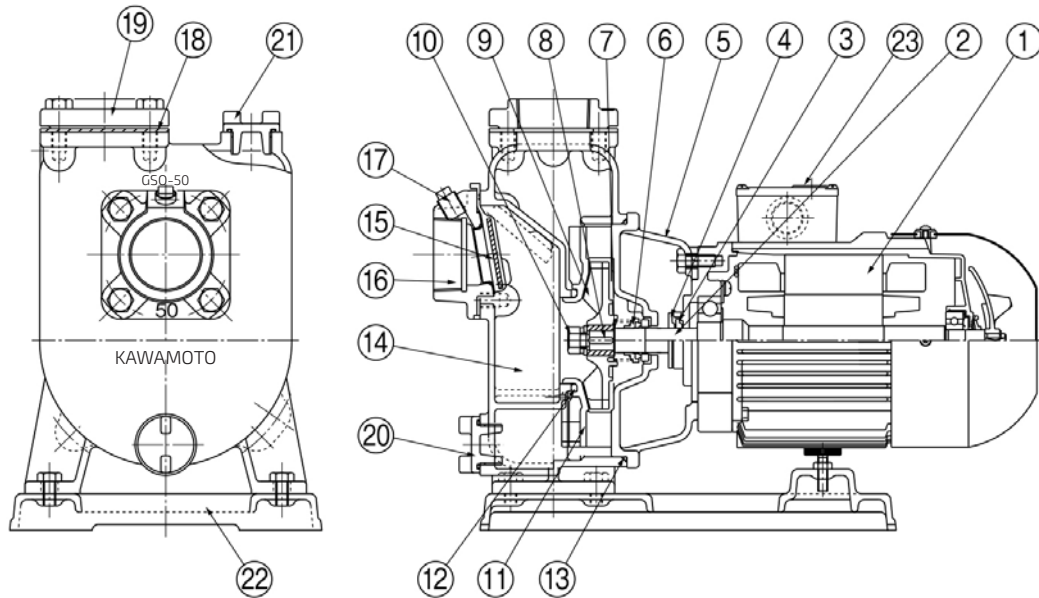
MODEL CODE



SPECIFICATION TABLE

No.	Bore (mm)	Model	Motor (kW)	Performance			
				Capacity (m ³ /min)	Total Head (m)	Capacity (m ³ /min)	Total Head (m)
1,2	40	GS03-405-C0.4T4	0.4	0.063	12.5	0.2	7
3		GS02-405CE0.75	0.75	0.063	21.5	0.2	12.2
4	50	GS02-505CE0.75	0.75	0.16	12	0.32	8
5		GS02-505CE1.5	1.5	0.16	17.8	0.32	13.8

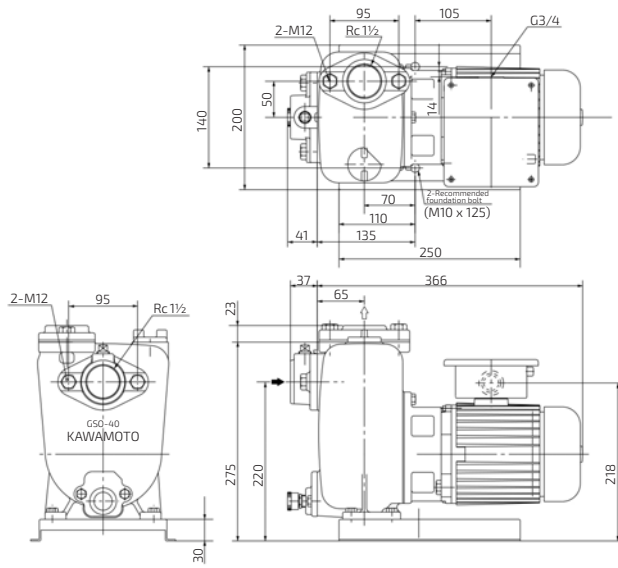
SECTION DRAWING



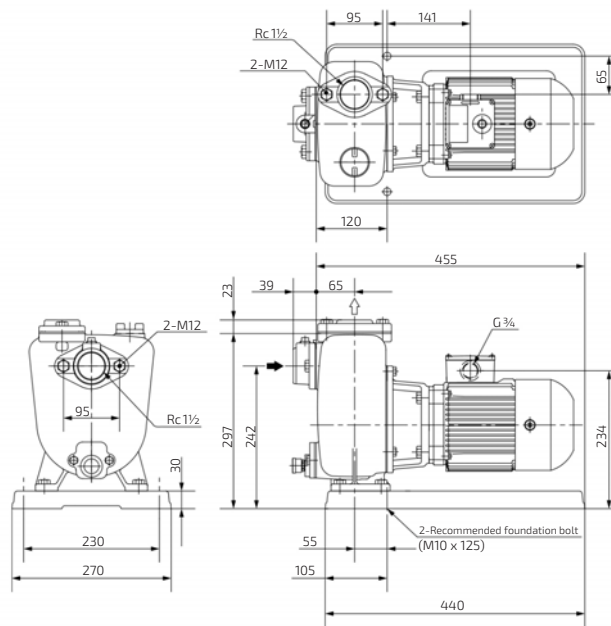
No.	Part name	Material	Note	No.	Part name	Material	Note
1	Motor	-		13	O-Ring	Rubber	
2	Shaft	SUS304+S35C		14	Casing	Cast iron	
3	Deflector	Rubber		15	Check valve	Rubber	
4	Deflector	Rubber		16	Flange with valve sheet	Cast iron	
5	Casing cover	Cast iron					
6	Mechanical seal	Ceramic x Carbon		17	Plug	SWCH10K	
7	Shim	SUS304		18	Packing	Rubber	
8	Key	SUS403		19	Flange	Cast iron	
9	Impeller	SCS13 or Bronze or Resin	Semi-open	20	Plug	C3771BD	
				21	Plug	C3771BD	
10	Nut	SUS304		22	Baseplate	Cast iron	
11	Guide vane	PA6 or Bronze		23	Protector switch	-	
12	O-Ring	Rubber					

PUMP DIMENSION

Bore : 40mm(0.4kW)
Weight 0.4T : 23kg

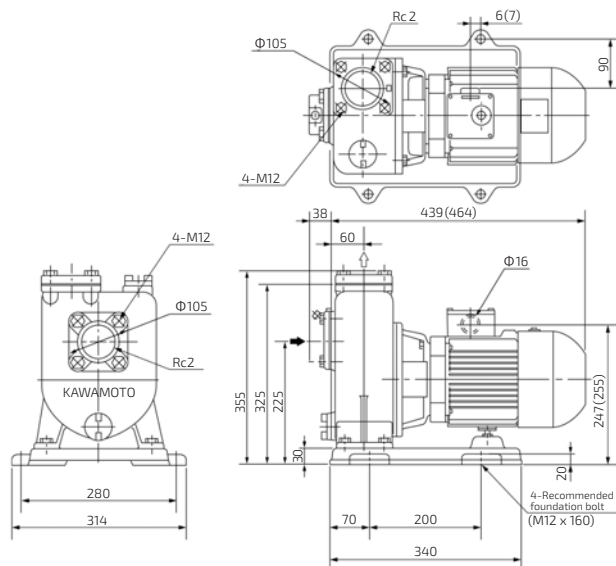


Bore : 40mm(0.75kW)
Weight : 34kg



Bore : 50mm
Weight 0.75kW : 31kg
1.5kW : 40kg

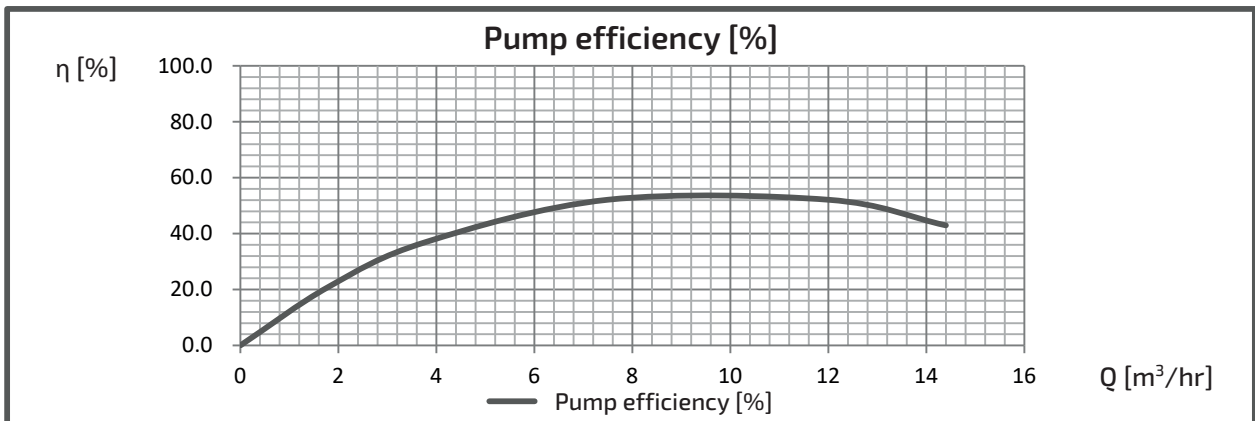
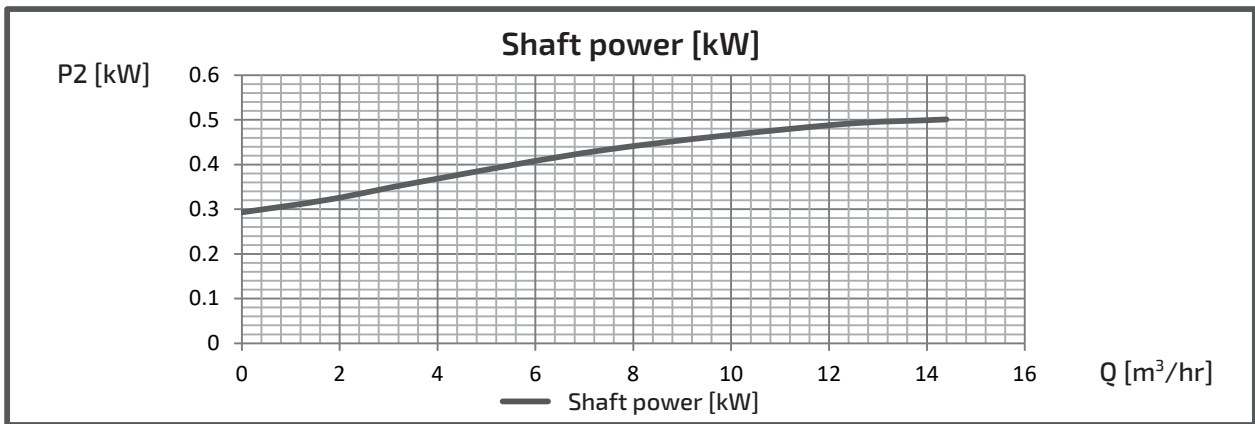
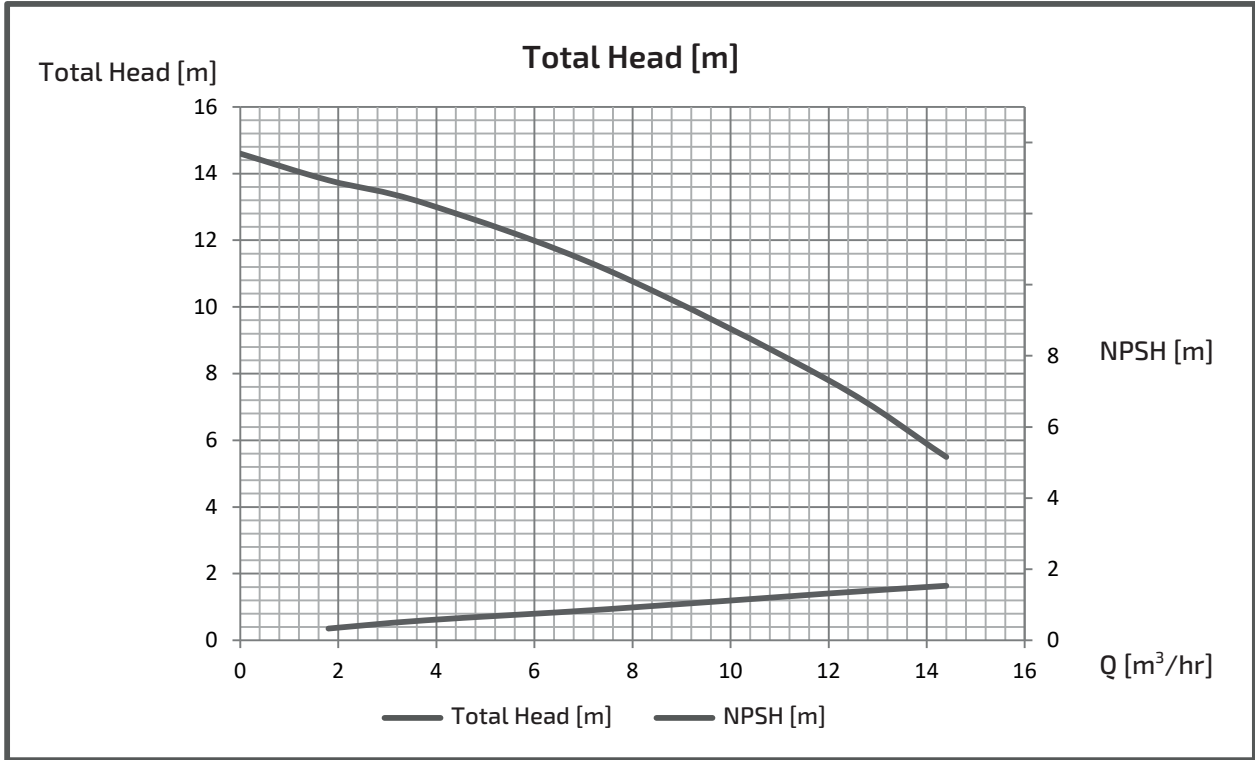
The number in () indicates when it's 1.5kW.



EXPECTED PERFORMANCE CURVE

MODEL : GSO3-405-C0.4T4

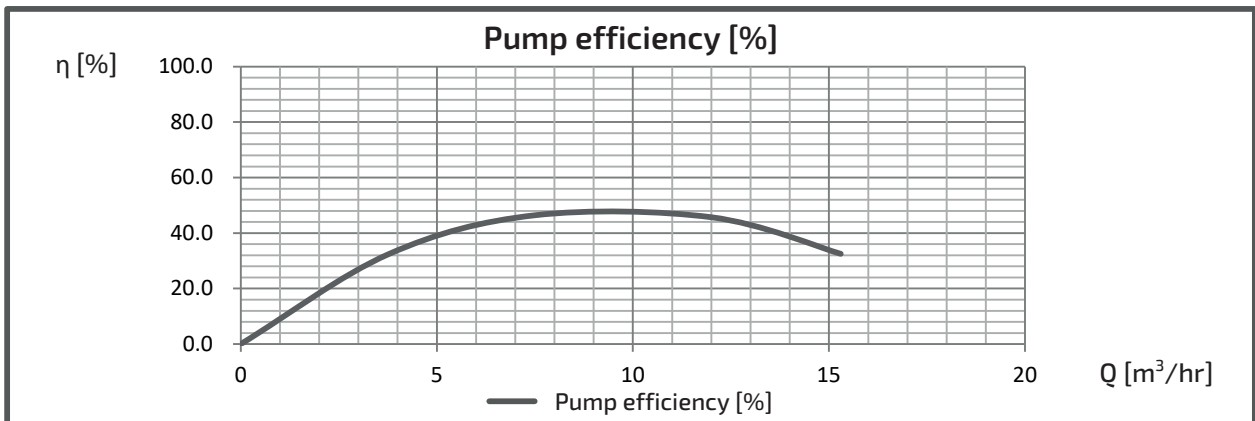
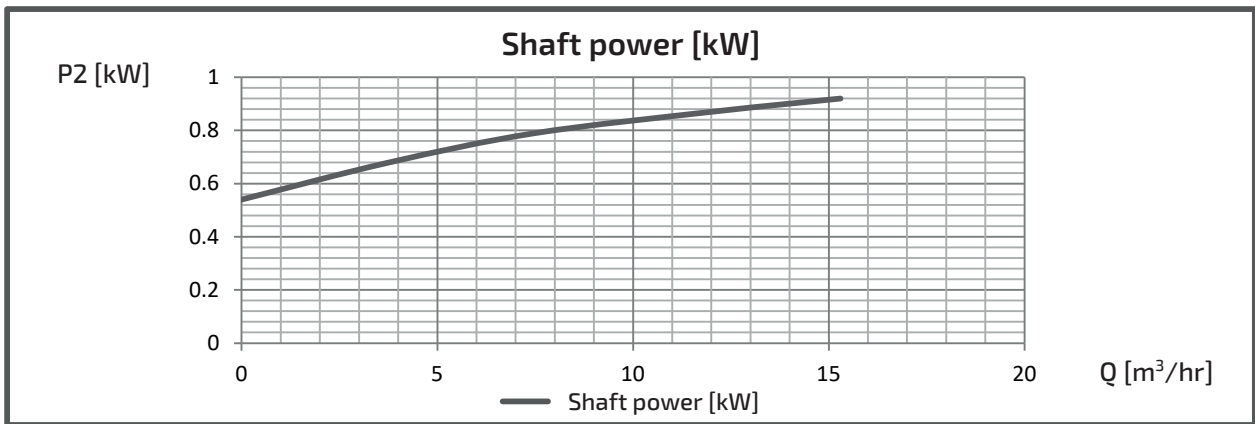
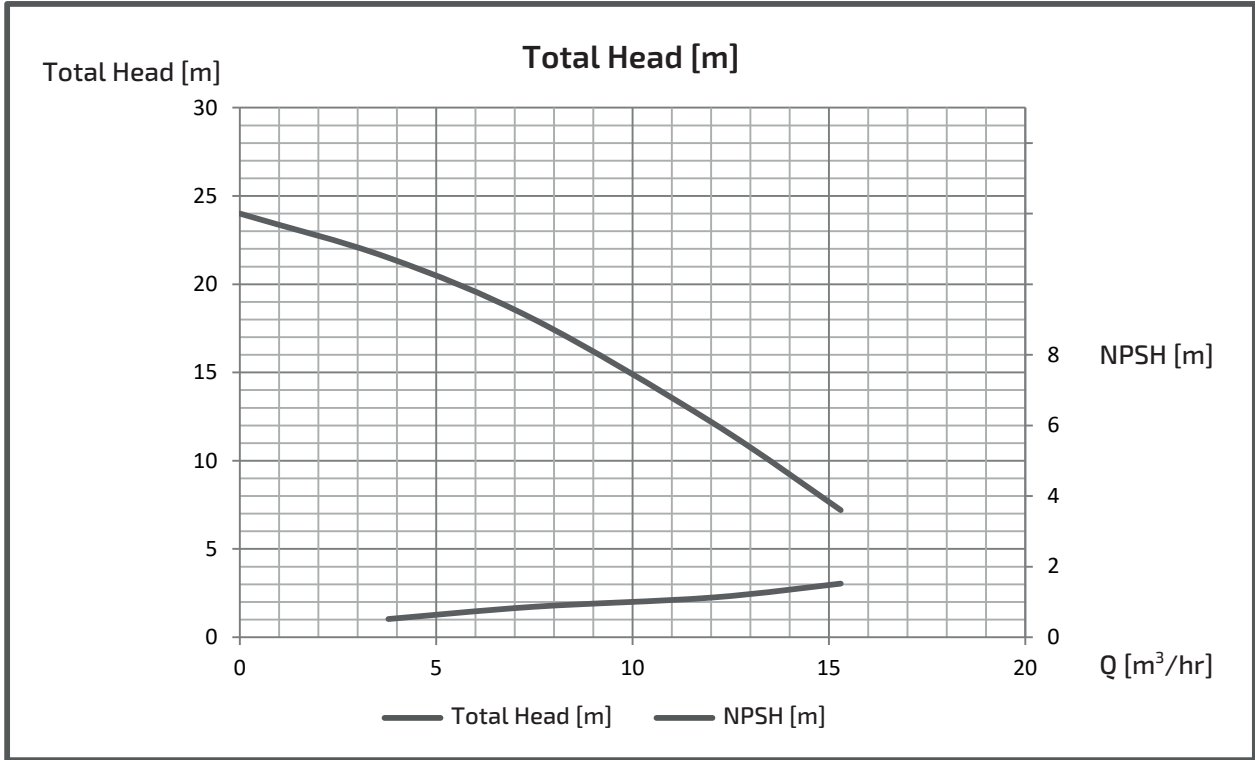
■ PERFORMANCE CURVES



EXPECTED PERFORMANCE CURVE

MODEL : GSO2-405CE0.75

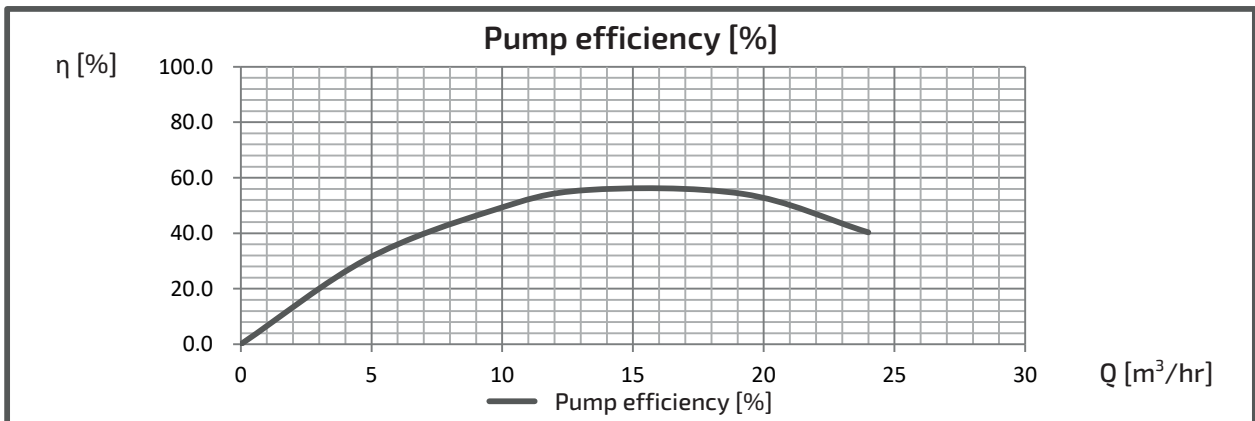
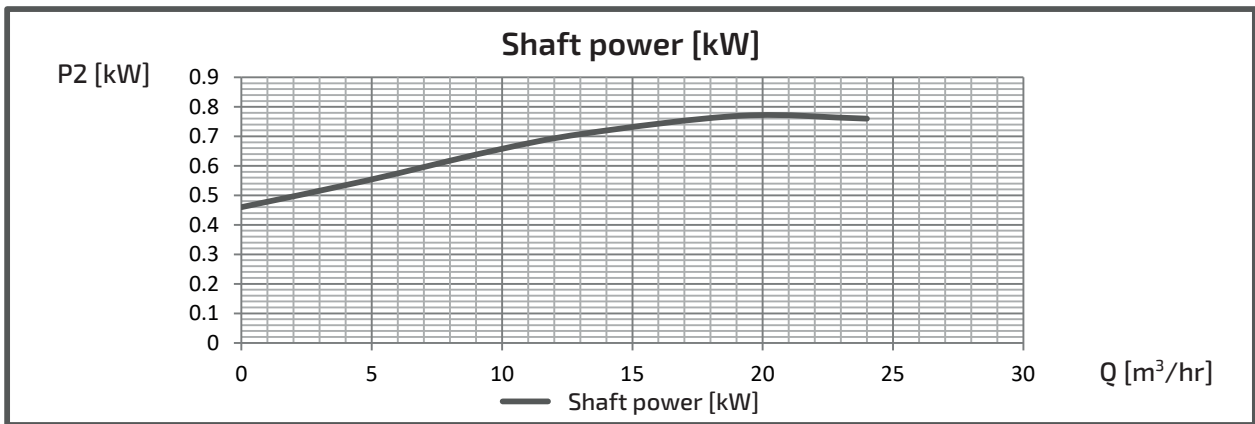
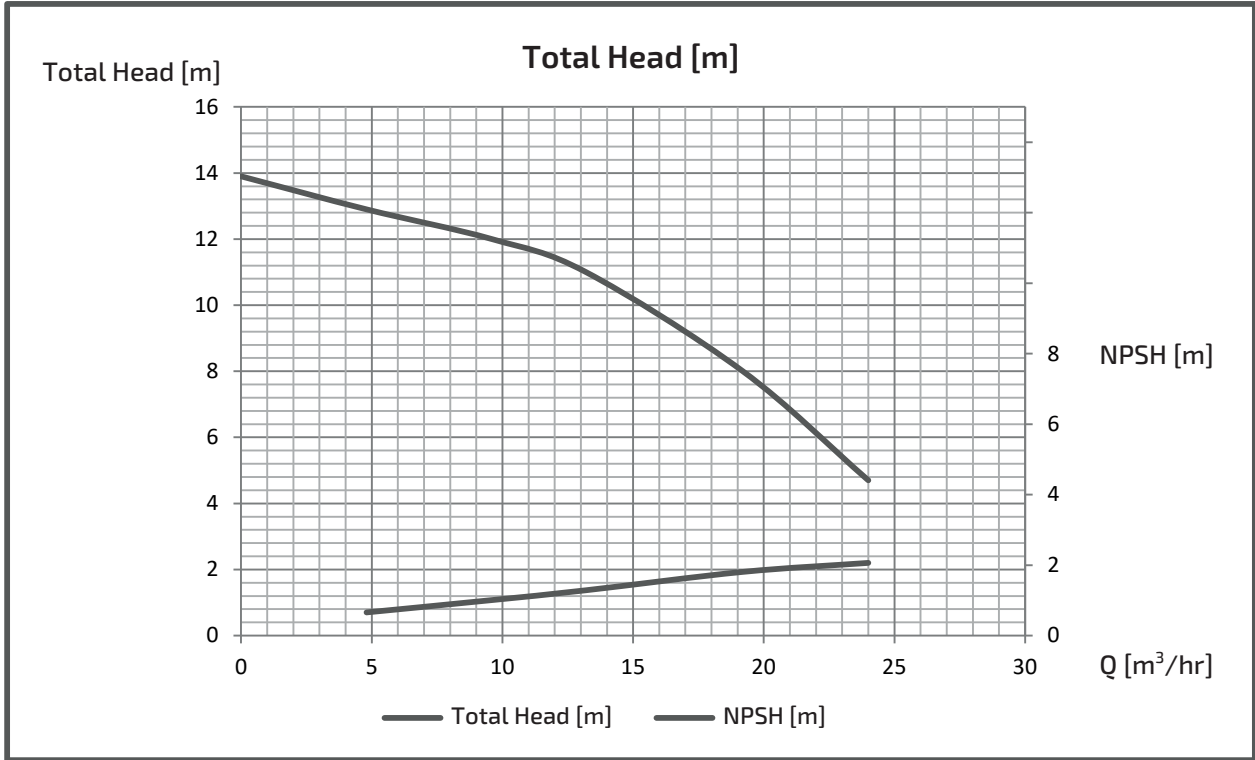
■ PERFORMANCE CURVES



EXPECTED PERFORMANCE CURVE

MODEL : GSO2-505CE0.75

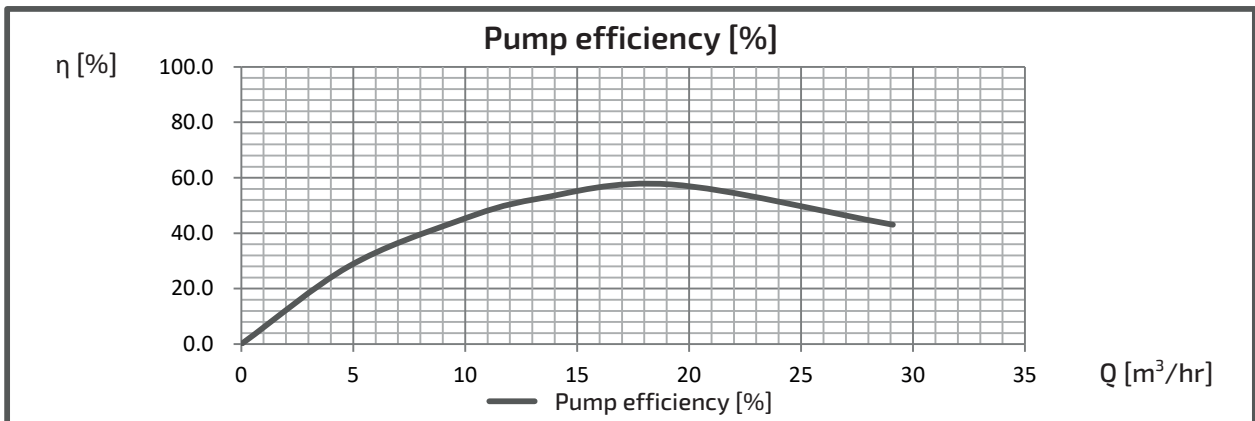
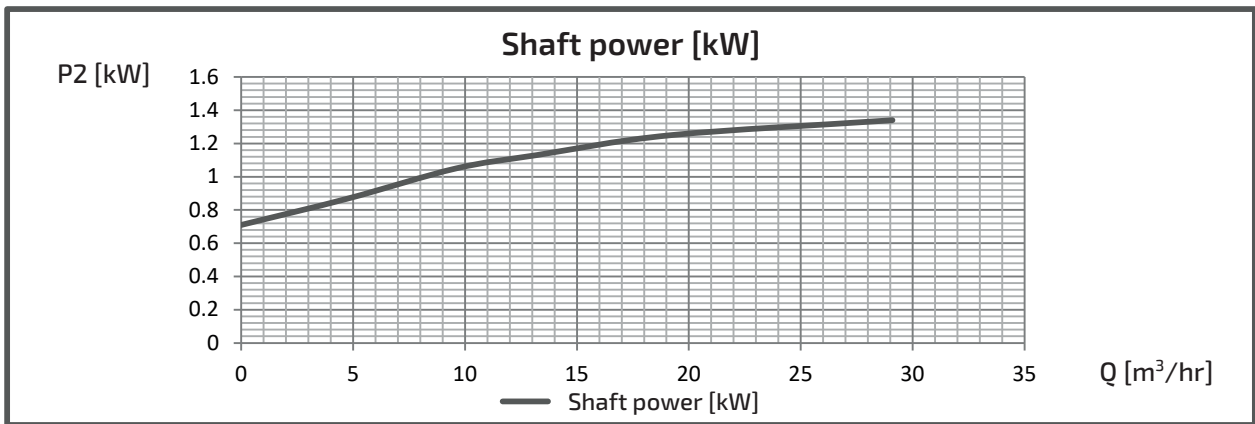
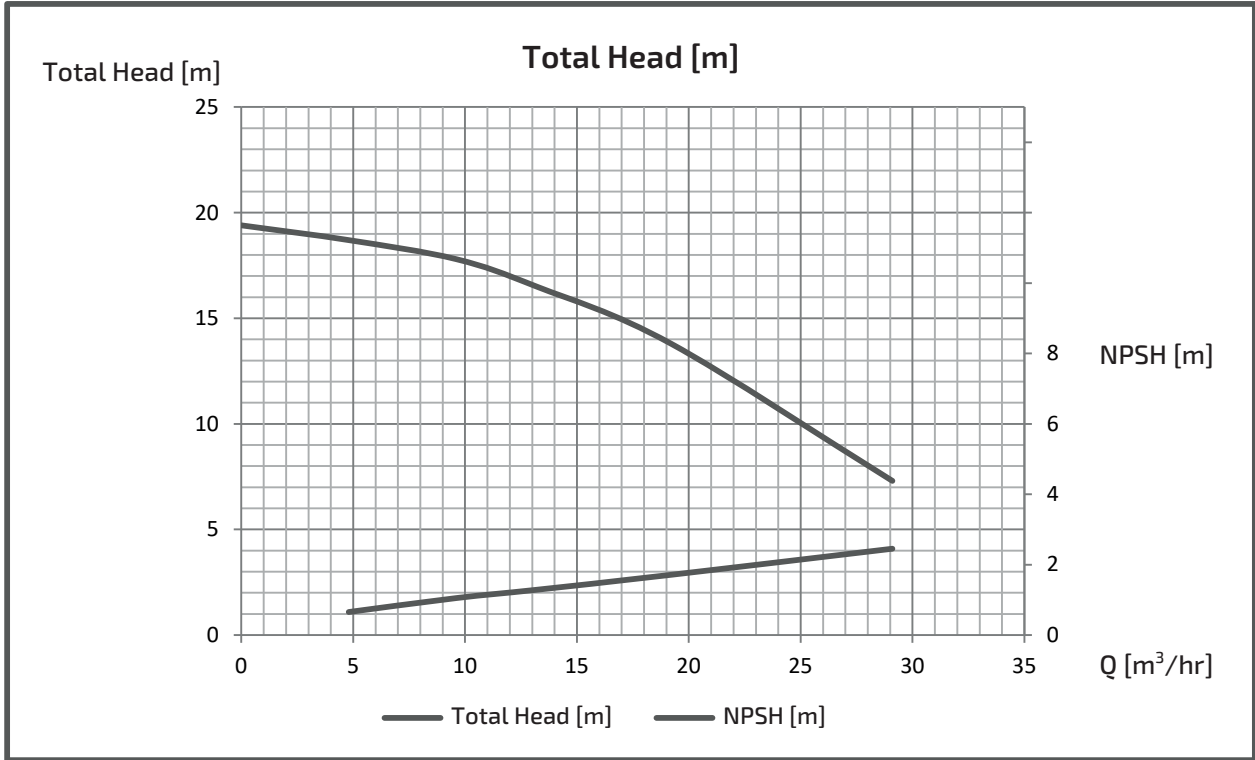
■ PERFORMANCE CURVES



EXPECTED PERFORMANCE CURVE

MODEL : GSO2-505CE1.5

■ PERFORMANCE CURVES



GS2/3-C BORE SIZE 25~100MM

APPLICATIONS AND FEATURES

■ APPLICATIONS

- Cooling water
- Industry
- Agriculture
- Setting for machinery equipment

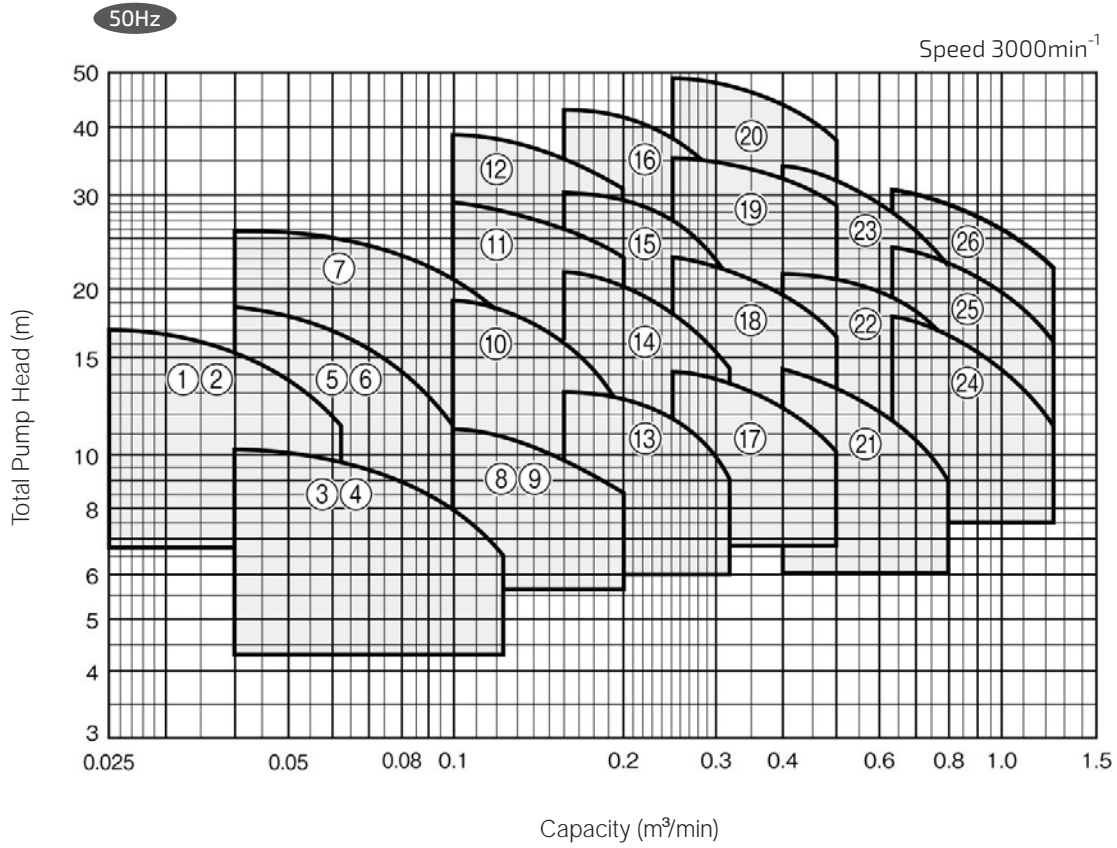
■ FEATURES

- Compact and light weight.
- Self-priming pump construction does not require foot valve.
- Pump and motor are mono-block construction, shaft alignment works is not necessary.
- Easy maintenance and inspection due to back pull out construction.
- TEFC electric motor as standard.

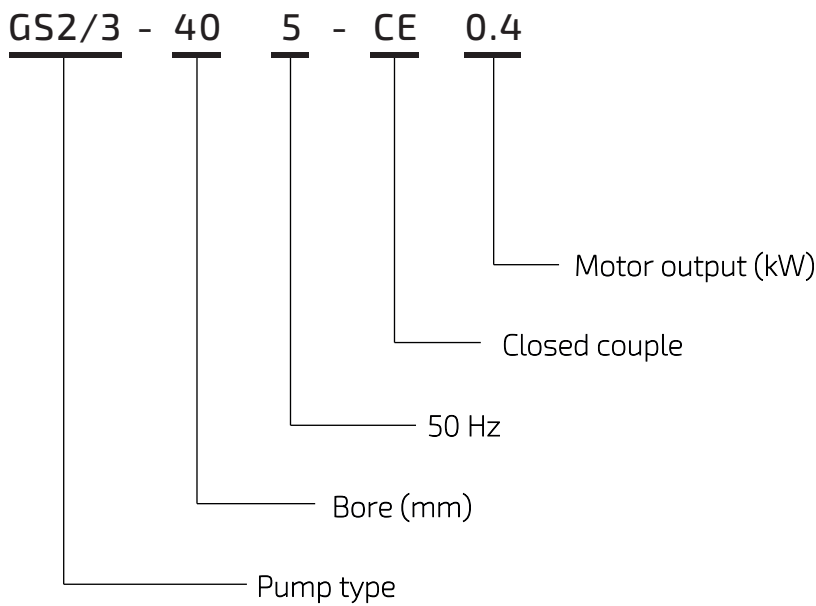
STANDARD SPECIFICATIONS

Description		Model : GS2/3-C
Applicable Liquid		Clean water
Liquid Temperature		0 ~ 45 °C (however there should be no freezing) 0.25 kW : 0 ~ 40 °C
Main Pump	Casing	Cast Iron
	Impeller	Cast Iron or Bronze or Resin (Closed)
	Shaft	SUS304, SUS403 (5.5kW or more)
Motor	Speed	2900 rpm
	Protection	IP54, TEFC
Construction	Shaft Seal	Mechanical seal Ceramic x Carbon

PERFORMANCE CHART (GS2/3-C)



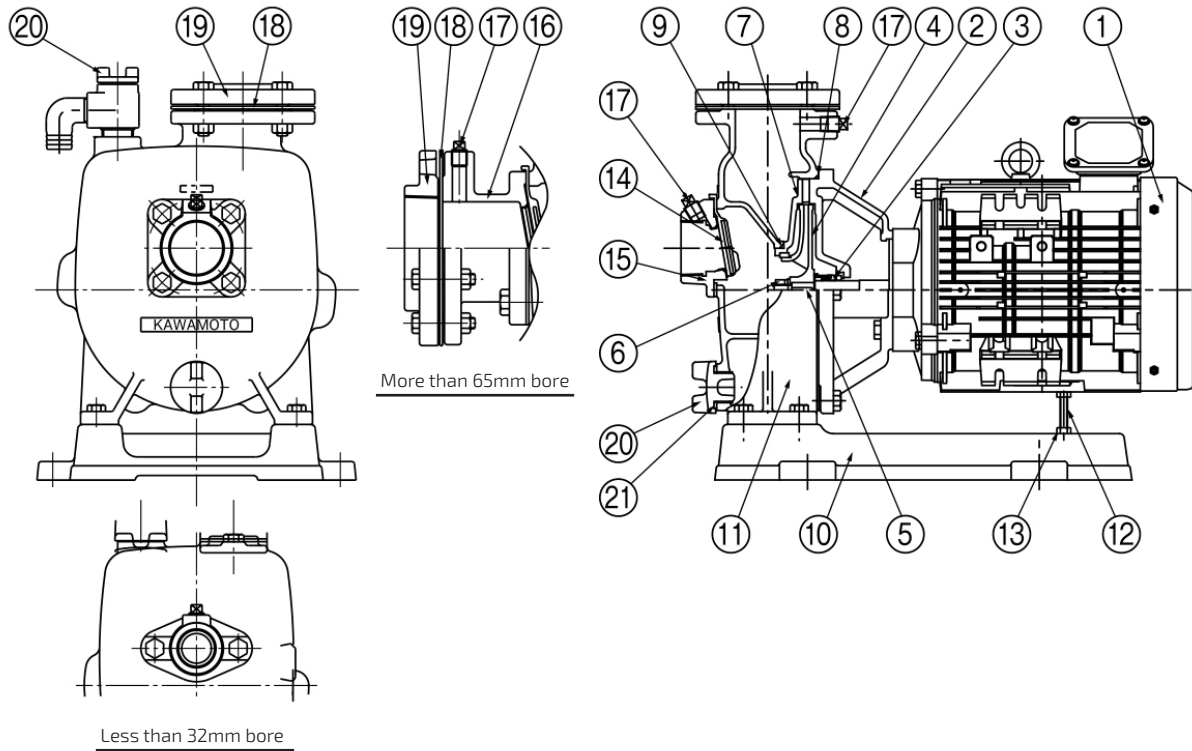
MODEL CODE



SPECIFICATION TABLE

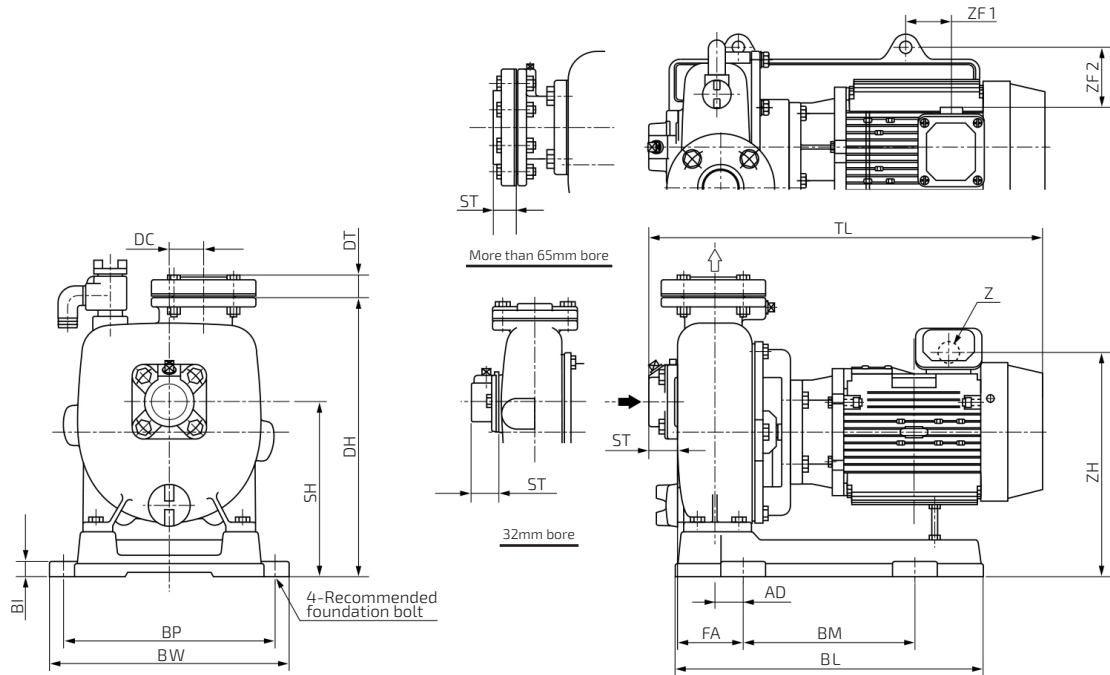
No.	Bore (mm)	Model	Motor (kW)	Performance			
				Capacity (m ³ /min)	Total Head (m)	Capacity (m ³ /min)	Total Head (m)
1,2	25	GS2-255-C0.25T	0.25	0.25	17	0.063	11.5
3,4	32	GS2-325-C0.25T	0.25	0.04	10.2	0.125	6.5
5,6		GS2-325-C0.4T	0.4	0.04	18.8	0.1	11.5
7,8		GS3-325CE0.75	0.75	0.04	25.5	0.123	18
9	40	GS2-405-C0.4T	0.4	0.1	11.2	0.2	8.5
10		GS3-405CE0.75	0.75	0.1	19	0.2	12
11		GS3-405CE1.5	1.5	0.1	29	0.2	23
12		GS3-405CE2.2	2.2	0.1	38.5	0.2	30.5
13	50	GS3-505CE0.75	0.75	0.16	13	0.32	9.2
14		GS3-505CE1.5	1.5	0.16	21.5	0.32	14.5
15		GS3-505CE2.2	2.2	0.16	30.5	0.32	21.5
16		GS3-505CE3.7	3.7	0.16	43	0.32	32
17	65	GS3-655CE1.5	1.5	0.25	14.2	0.5	10.2
18		GS3-655CE2.2	2.2	0.25	23	0.5	16.5
19		GS3-655CE3.7	3.7	0.25	35.5	0.5	28.5
20		GS3-655CE5.5	5.5	0.25	49	0.5	38
21	80	GS3-805CE2.2	2.2	0.4	14.2	0.8	9
22		GS3-805CE3.7	3.7	0.4	21.5	0.8	16.5
23		GS3-805CE5.5	5.5	0.4	34.5	0.8	22
24	100	GS3-1005CE3.7	3.7	0.63	17.8	1.25	11.5
25		GS3-1005CE5.5	5.5	0.63	24	1.25	16.5
26		GS3-1005CE7.5	7.5	0.63	30.5	1.25	22

SECTION DRAWING



No.	Part name	Material	No.	Part name	Material
1	Motor	IE3	11	Casing	Cast iron
2	Deflector	Rubber	12	Bolt	SWRM10
3	Casing cover	Cast iron	13	Nut	SWRM10
4	Mechanical seal	Ceramic x Carbon	14	Check valve	Rubber
5	Impeller	Cast iron, Bronze	15	Flange	Cast iron
6	Nut	C3604	16	Connecting pipe	Cast iron
7	Guide vane	Cast iron	17	Plug	SWCH10K
8	O-Ring	Rubber	18	Packing	Rubber
9	O-Ring	Rubber	19	Flange	Cast iron
10	Base plate	Cast iron	20	Plug	C3771BD
			21	Ring packing	Rubber

PUMP DIMENSION

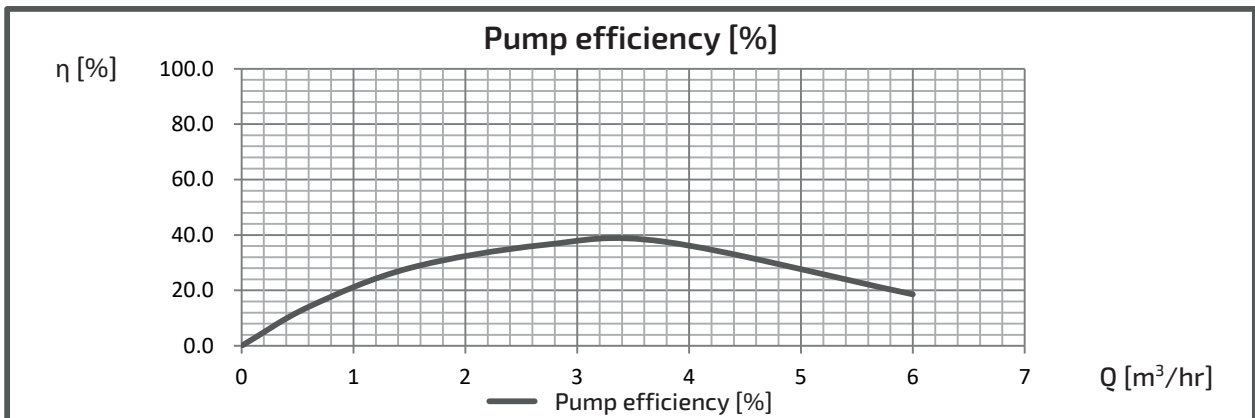
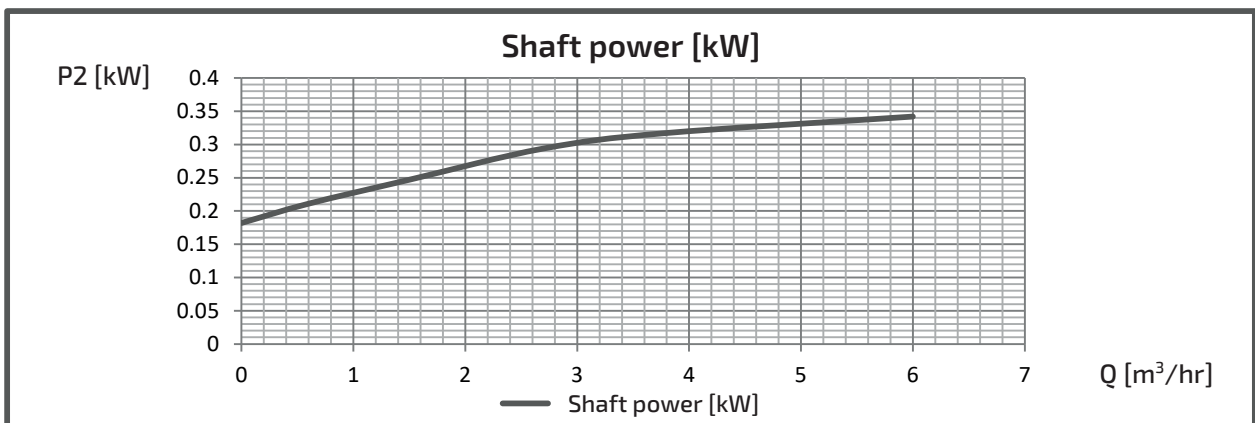
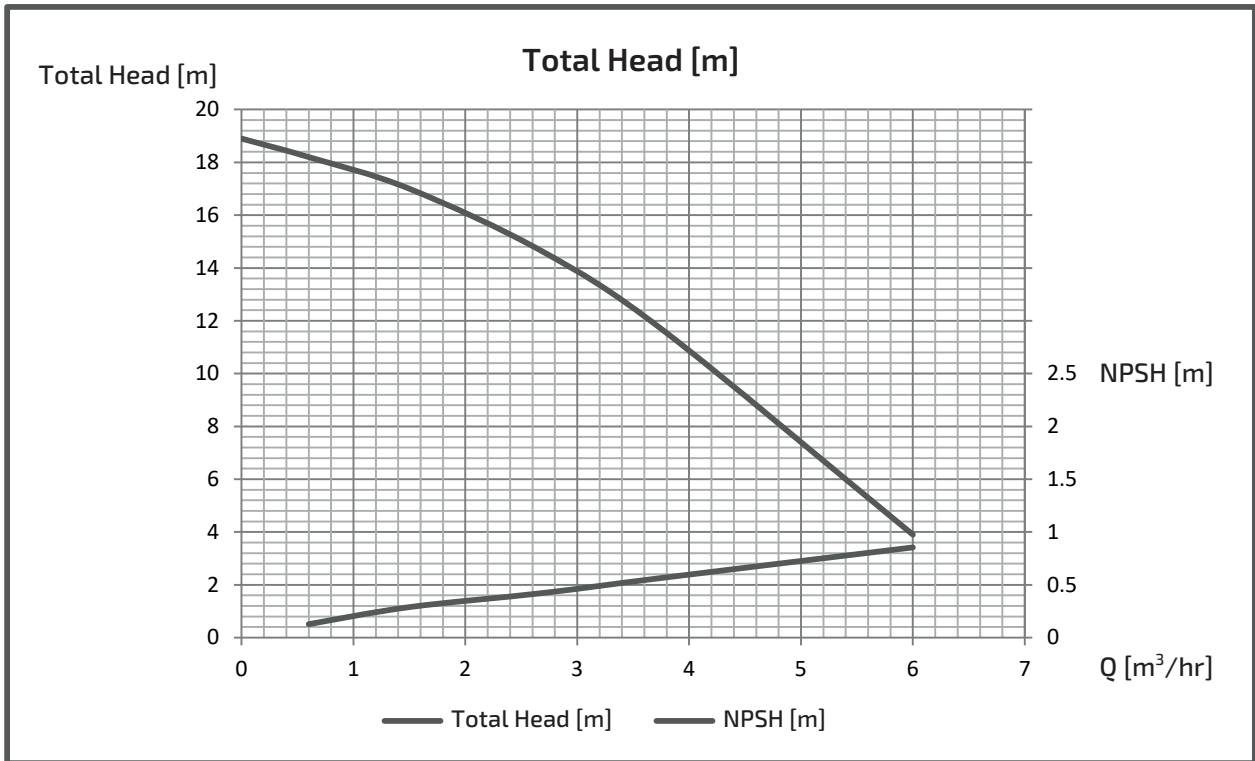


Bore (mm)	Model	Motor (kW)	Impeller Material	Pump			Base				Combination				Other				Weight (kg)			
				DC	ST	DT	BI	BL	BM	BW	BP	TL	FA	AD	SH	DH	ZF1	ZF2		ZH	Z	
25	GS2-255-C0.25T	0.25	Resin	40	43	25	20	280	170	284	250	407	47	10	165	260	16	71	210	Ø16	20	
32	GS2-325-C0.25T	0.25	Bronze	30	38	23	20	280	170	244	210	413	65	15	165	250	5	51	225	Ø16	19	
	GS2-325-C0.4T	0.4		40	38	23	20	357	200	284	250	408	50	10	190	305	25	71	245	Ø16	26	
	GS3-325CE0.75	0.75		40	38	23	20	357	200	284	250	465	55	5	212	327	65	62	289	G¾	40	
40	GS2-405-C0.4T	0.4		Cast iron	35	38	25	20	357	200	284	250	426	57	7	212	327	14	71	257	Ø16	32
	GS3-405CE0.75	0.75	35		38	25	20	357	200	284	250	467	57	2	212	327	65	62	289	G¾	40	
	GS2-405CE1.5	1.5	Bronze	50	38	25	20	398	250	314	280	493	63	13	232	377	45	80	314	G¾	53	
	GS3-405CE2.2	2.2		50	38	25	20	450	250	344	310	517	88	38	245	400	44	95	327	G¾	60	
50	GS3-505CE0.75	0.75	Cast iron	40	38	27	20	357	200	284	250	484	72	7	217	327	67	62	289	G¾	42	
	GS3-505CE1.5	1.5		40	38	27	20	357	200	284	250	502	72	7	217	327	95	65	294	G¾	47	
	GS3-505CE2.2	2.2		50	38	27	20	398	250	314	280	527	73	18	237	377	69	80	314	G¾	57	
	GS3-505CE3.7	3.7		50	38	27	20	450	250	344	310	552	98	43	250	400	75	92	357	G¾	72	
65	GS3-655CE1.5	1.5		Cast iron	52	31	31	20	398	250	314	280	584	136	-7	247	397	70	80	314	G¾	61
	GS3-655CE2.2	2.2			52	31	31	20	398	250	314	280	608	136	-7	247	397	94	80	314	G¾	65
	GS3-655CE3.7	3.7			55	31	31	25	531	320	404	360	634	160	17	285	460	31	117	382	G¾	81
	GS3-655CE5.5	5.5			55	31	31	25	531	320	404	360	713	160	17	285	460	48	69	432	G1½	123
80	GS3-805CE2.2	2.2		Cast iron	50	33	33	20	398	250	314	280	645	171	3	252	417	94	80	314	G¾	67
	GS3-805CE3.7	3.7			50	33	33	20	398	250	314	280	670	171	3	252	417	125	77	344	G¾	78
	GS3-805CE5.5	5.5			50	33	33	25	531	320	404	360	750	195	27	290	480	48	69	432	G1½	130
100	GS3-1005CE3.7	3.7		Cast iron	60	39	39	25	531	320	404	360	697	188	5	300	480	58	117	382	G¾	112
	GS3-1005CE5.5	5.5	60		39	39	25	531	320	404	360	776	188	5	300	480	75	69	432	G1½	138	
	GS3-1005CE7.5	7.5	60		39	39	25	531	320	404	360	776	188	5	300	480	75	69	432	G1½	141	

EXPECTED PERFORMANCE CURVE

MODEL : GS2-255-C0.25T

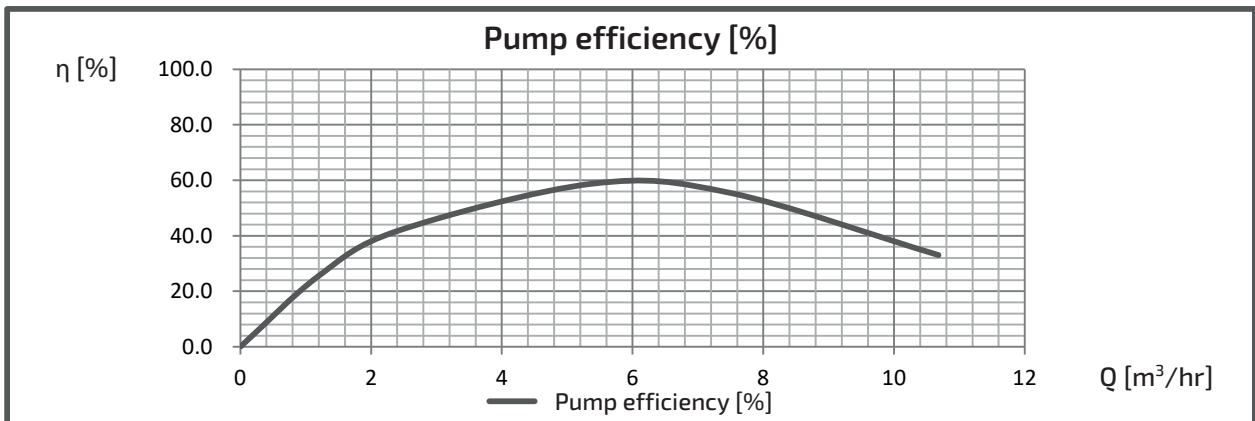
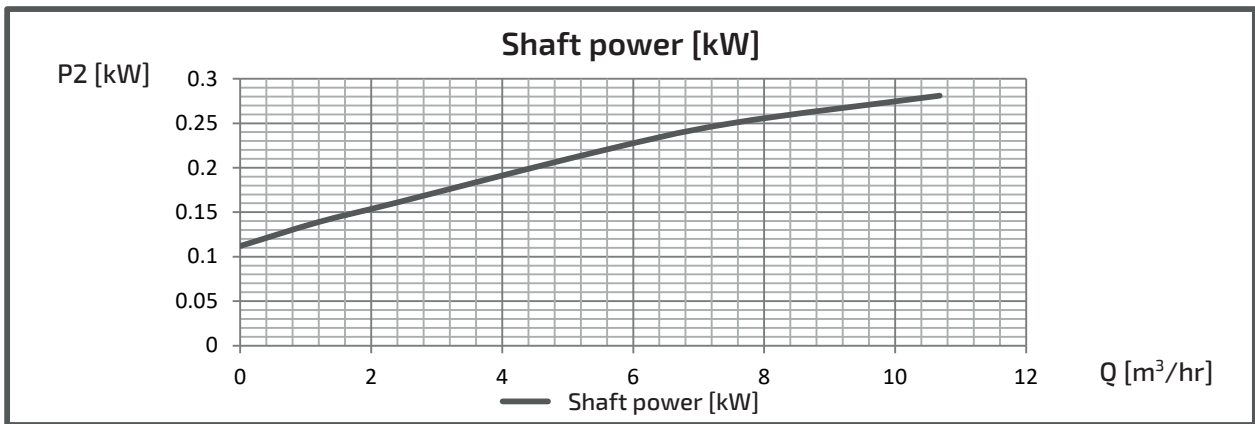
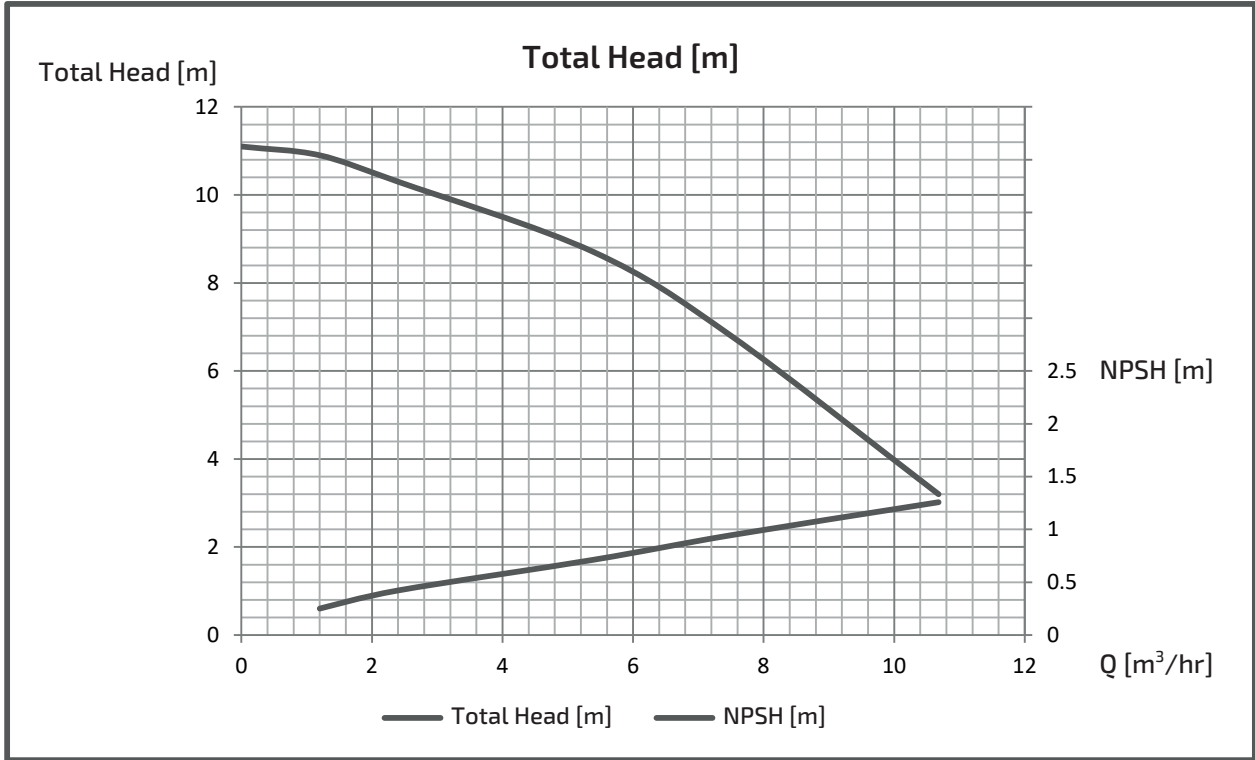
■ PERFORMANCE CURVES



EXPECTED PERFORMANCE CURVE

MODEL : GS2-325-C0.25T

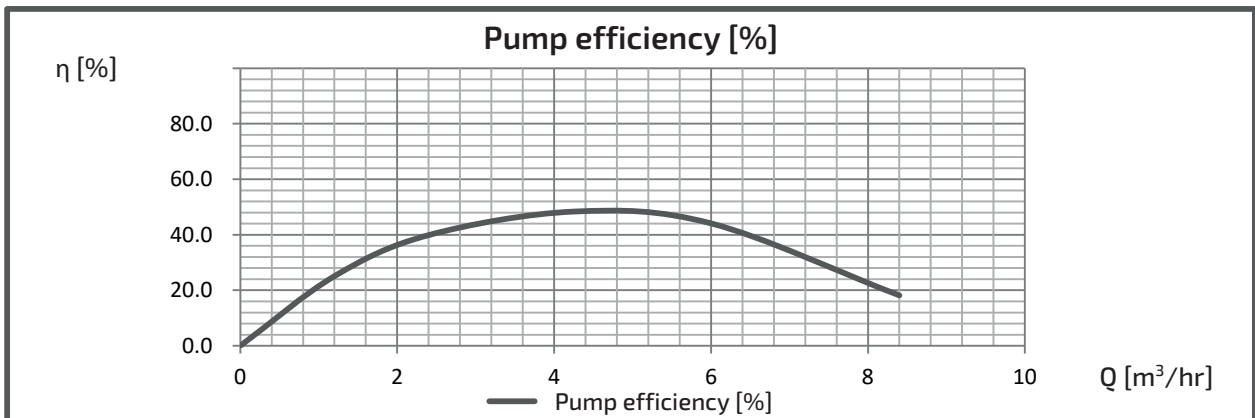
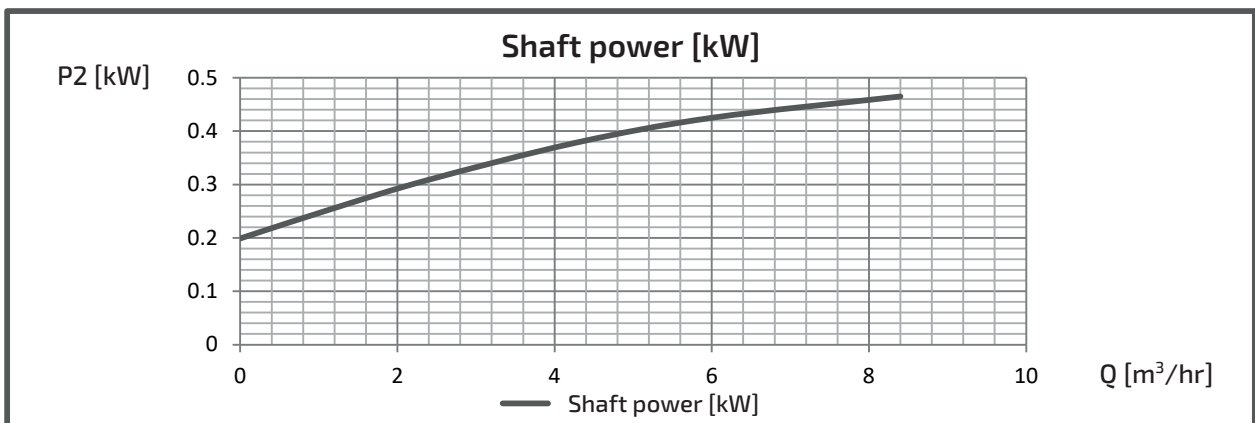
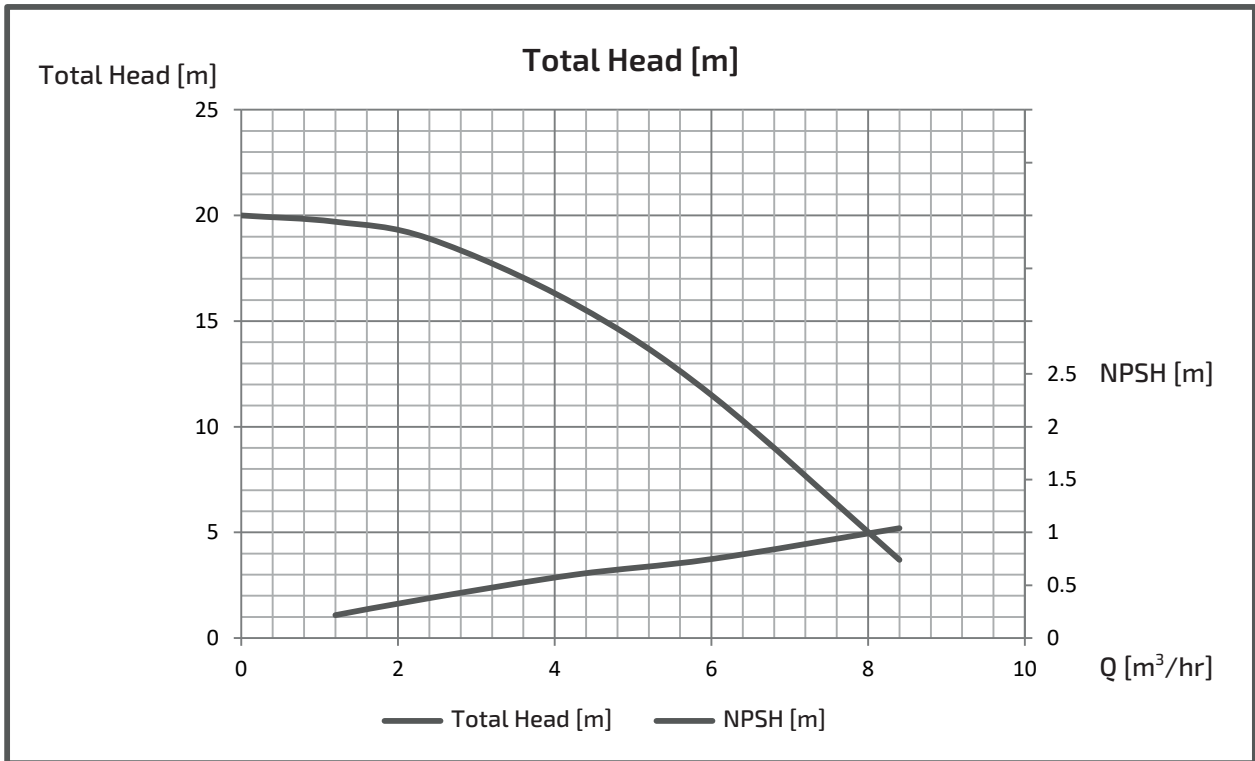
■ PERFORMANCE CURVES



EXPECTED PERFORMANCE CURVE

MODEL : GS2-325-C0.4T

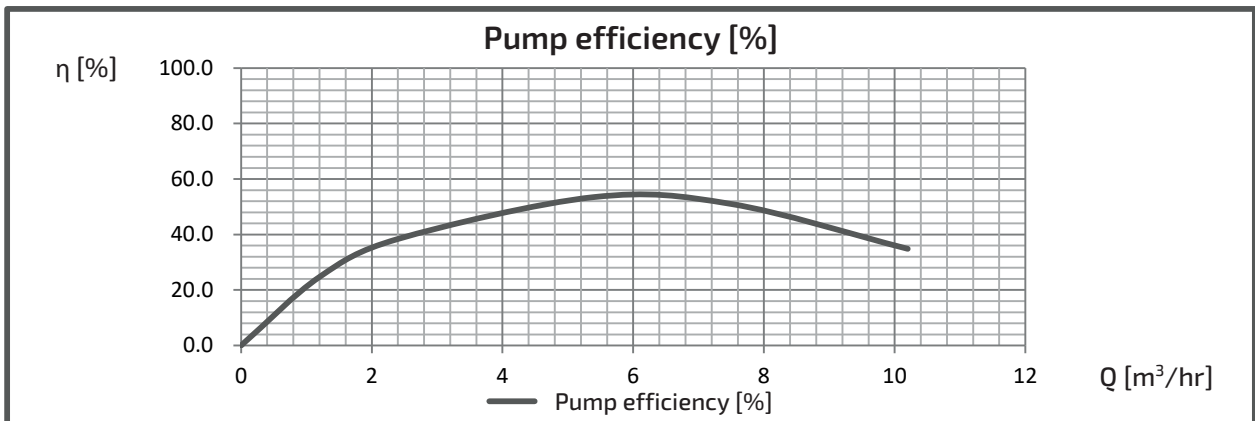
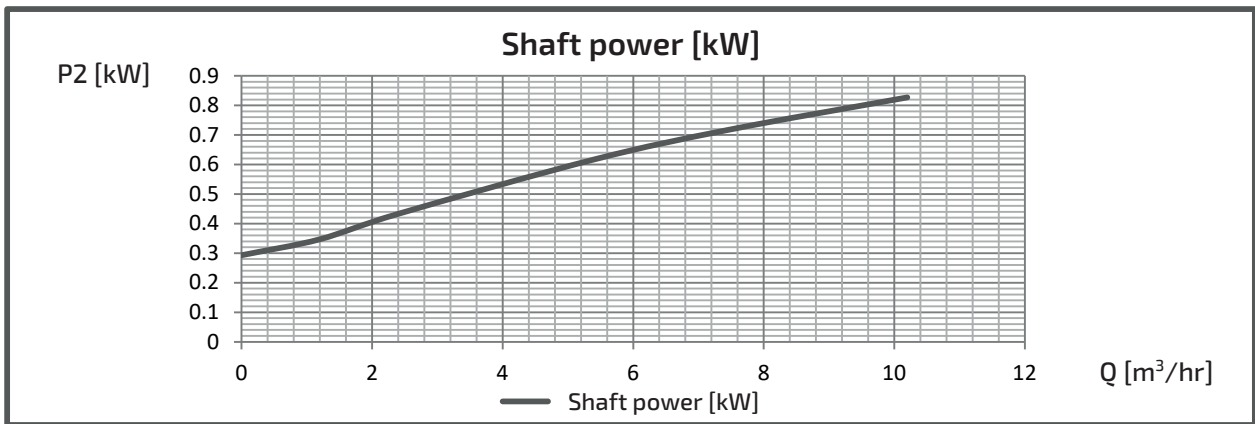
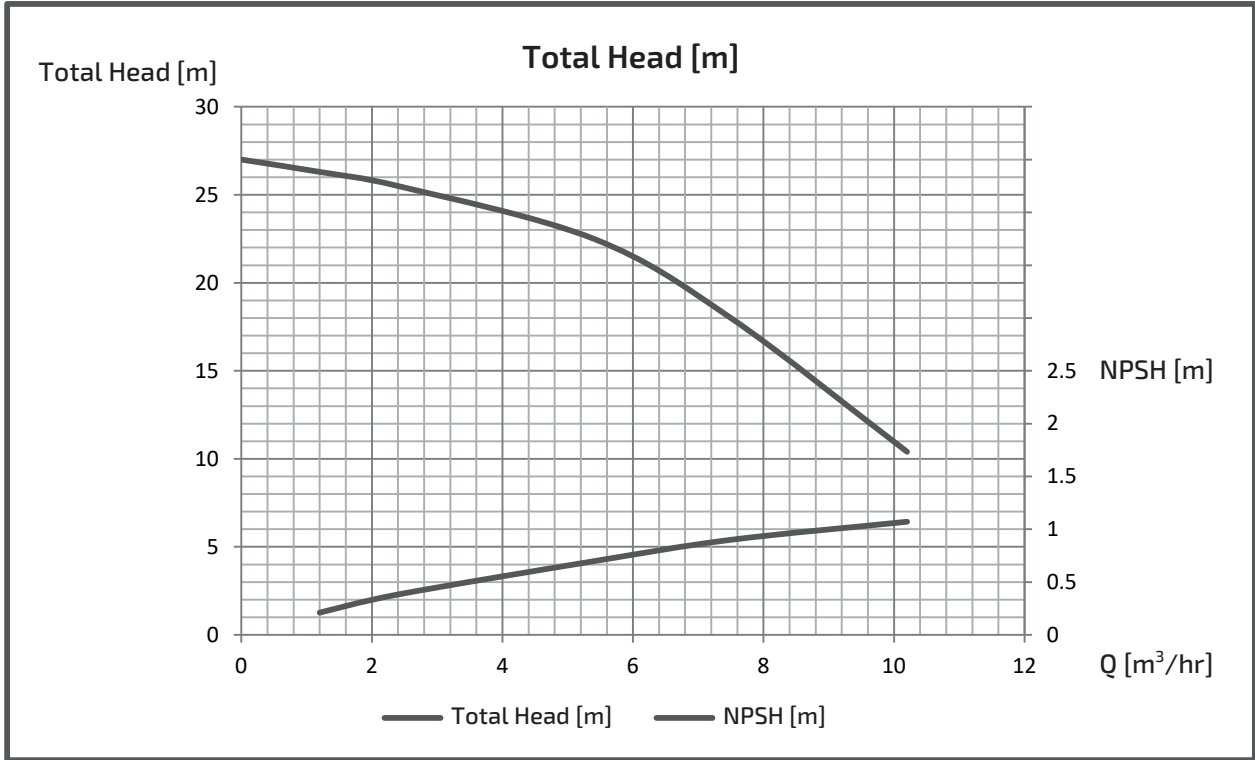
■ PERFORMANCE CURVES



EXPECTED PERFORMANCE CURVE

MODEL : GS3-325CE0.75

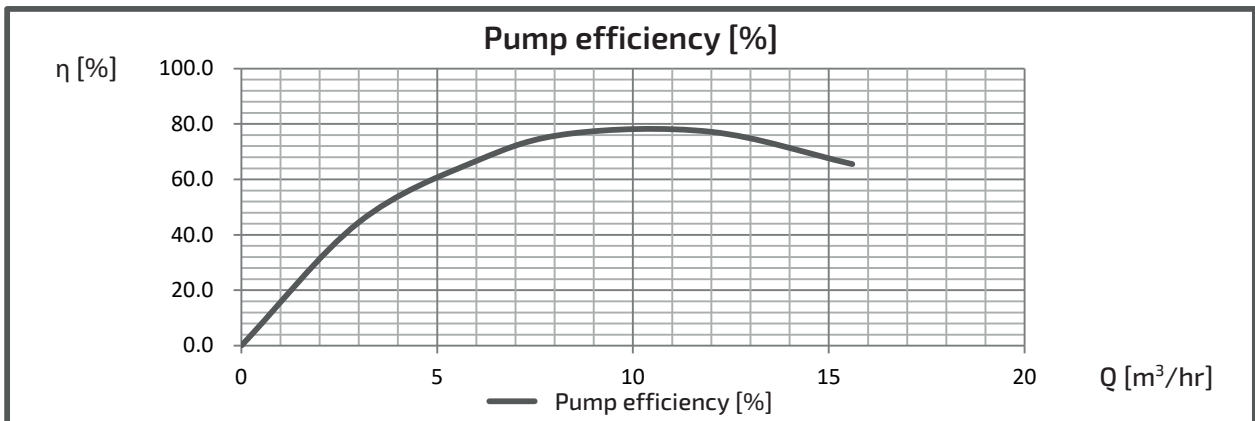
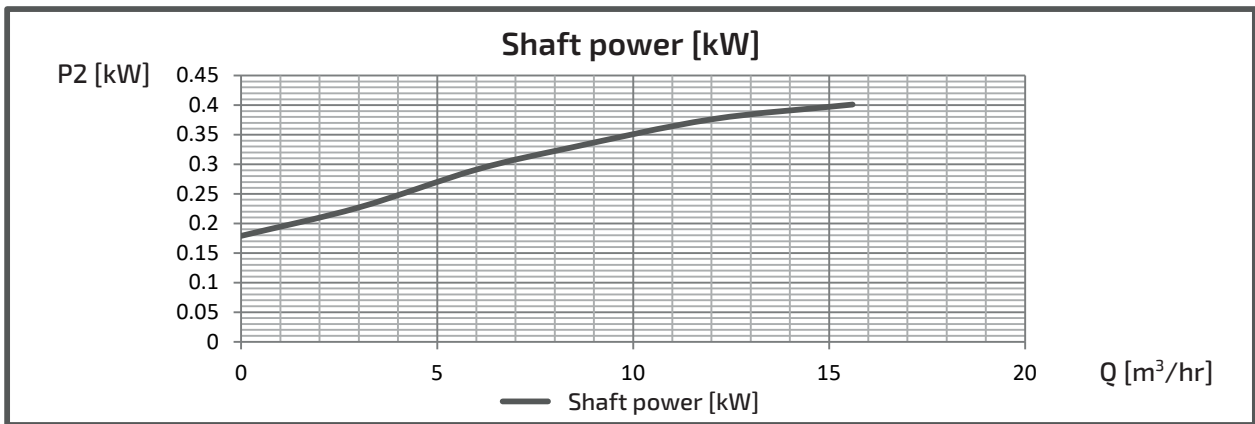
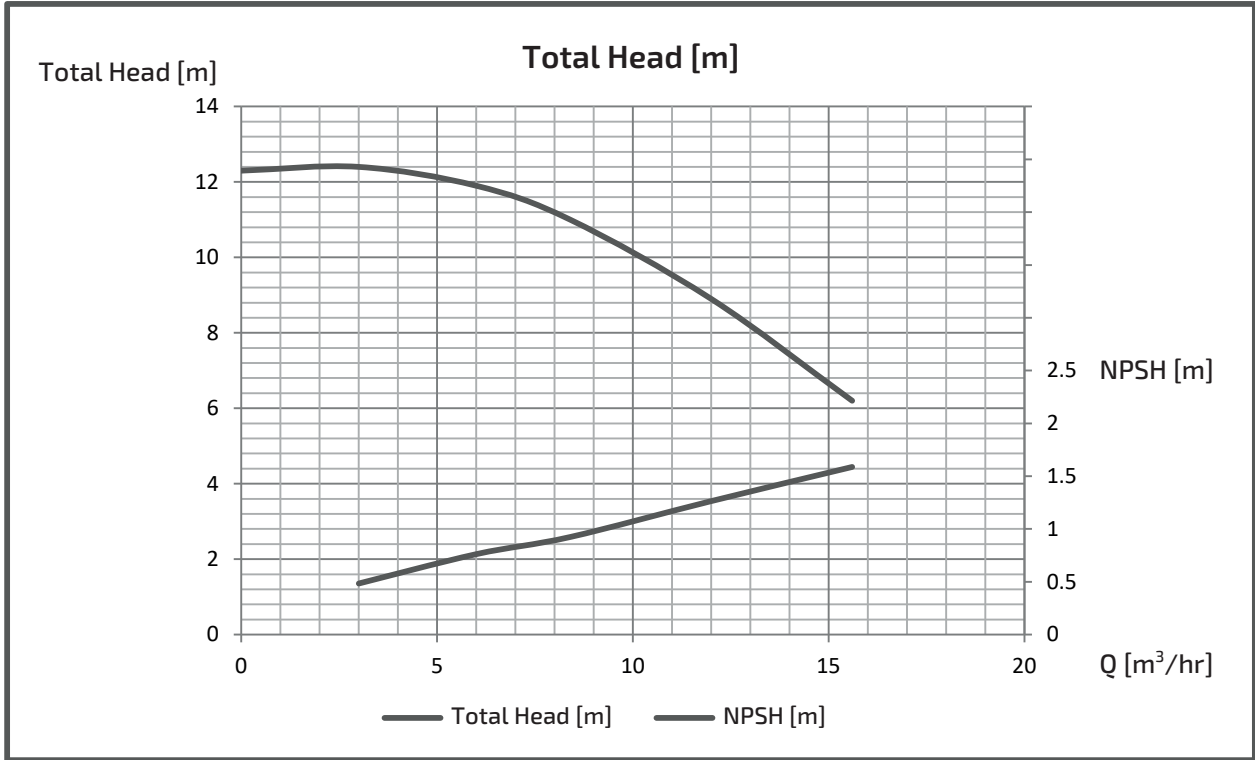
■ PERFORMANCE CURVES



EXPECTED PERFORMANCE CURVE

MODEL : GS2-405-C0.4T

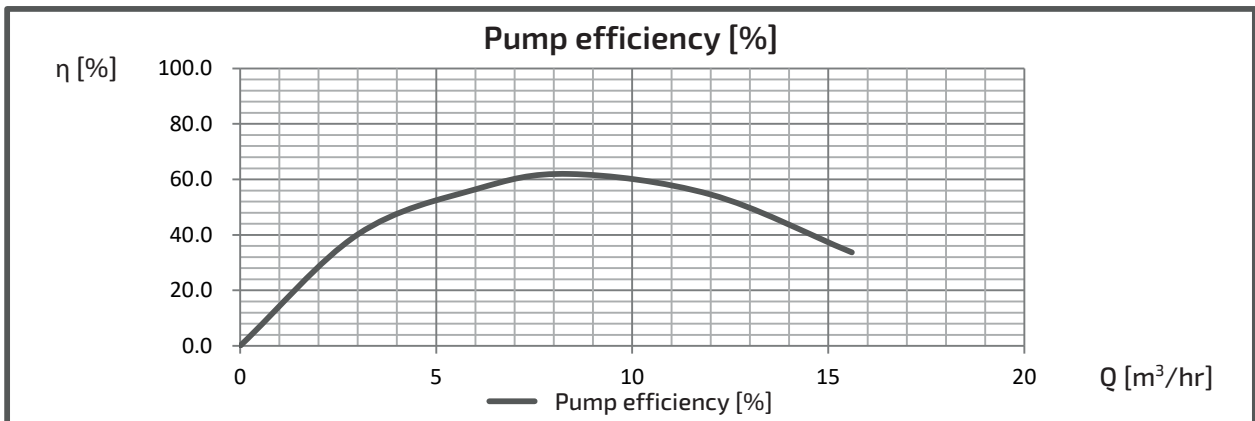
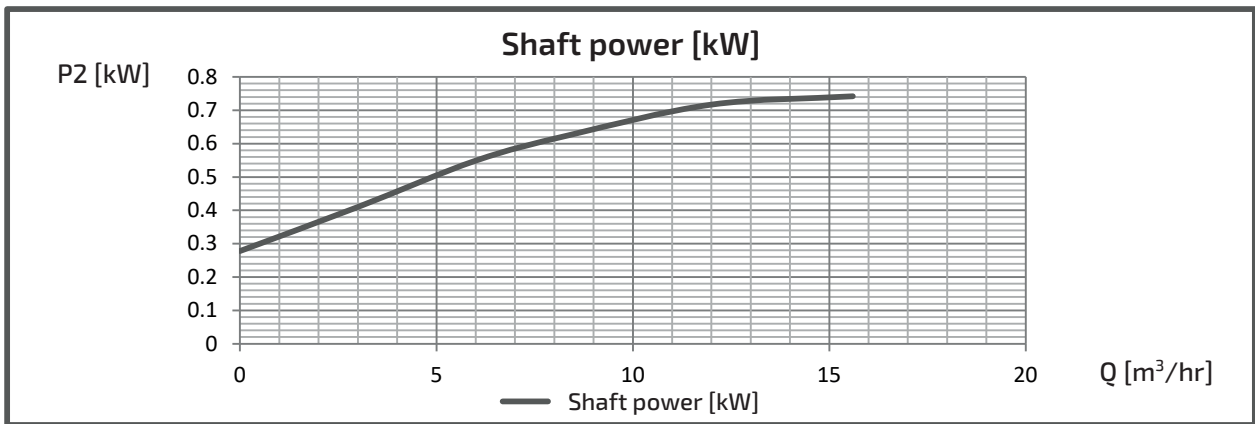
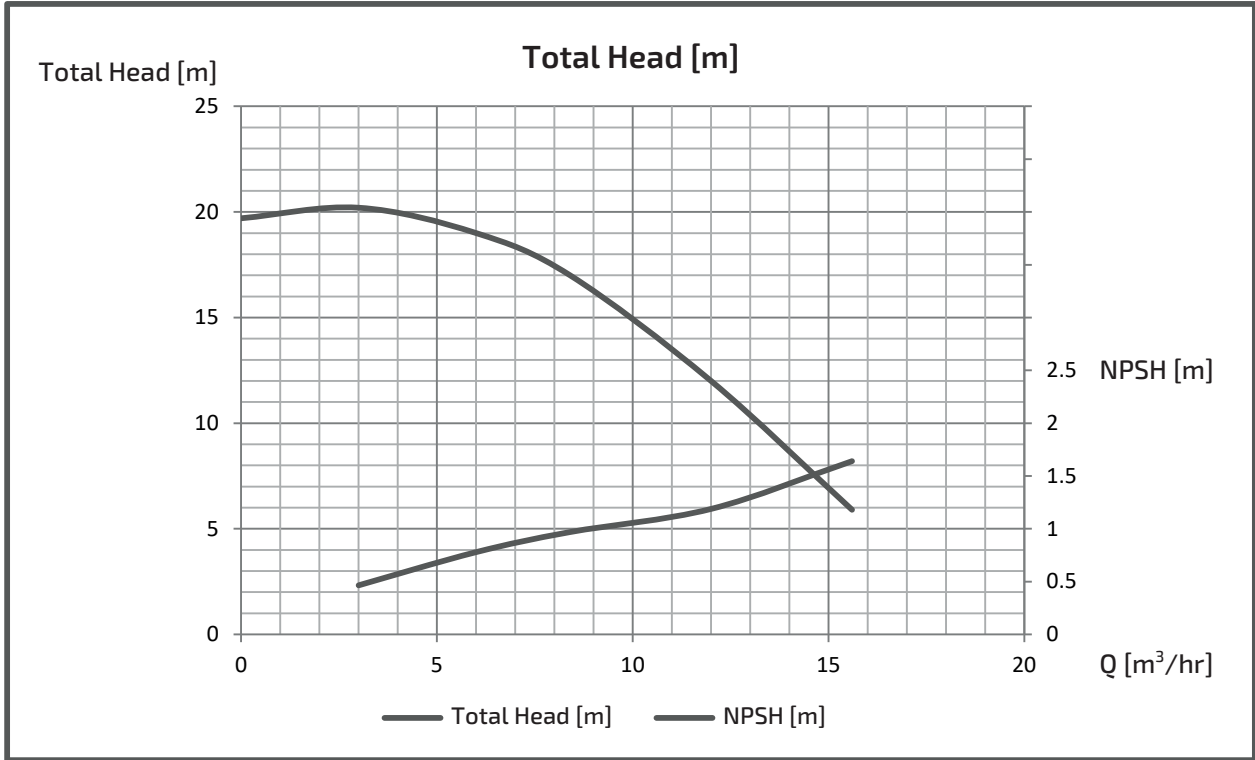
■ PERFORMANCE CURVES



EXPECTED PERFORMANCE CURVE

MODEL : GS3-405CE0.75

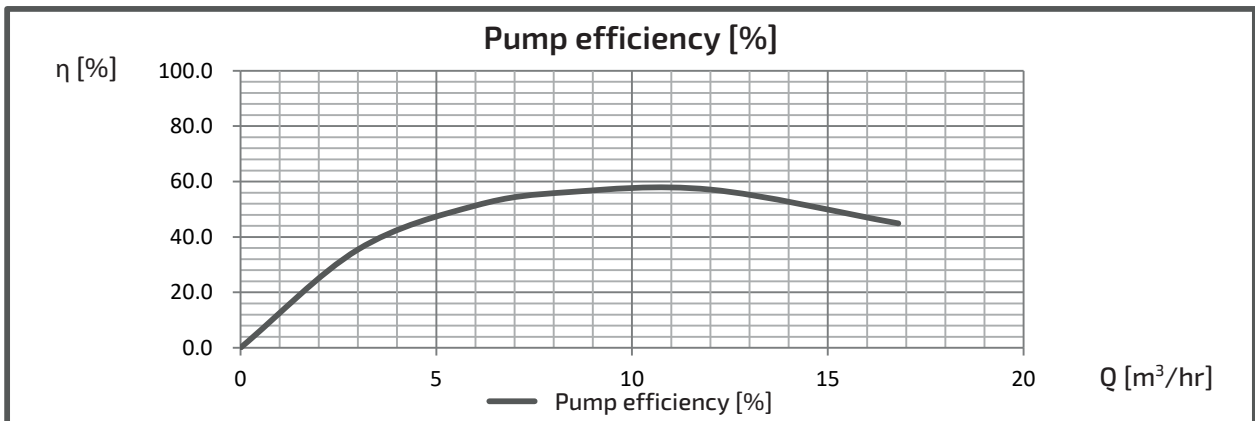
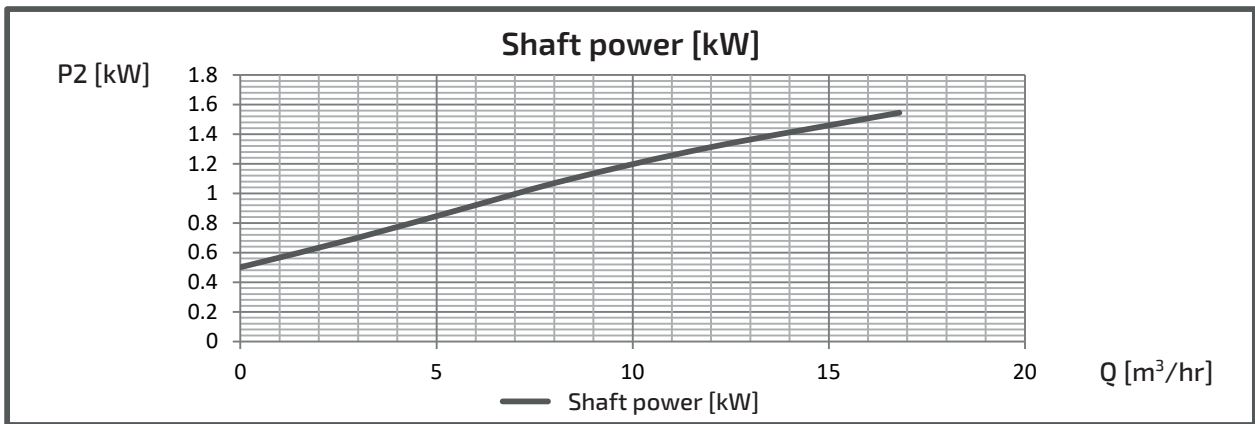
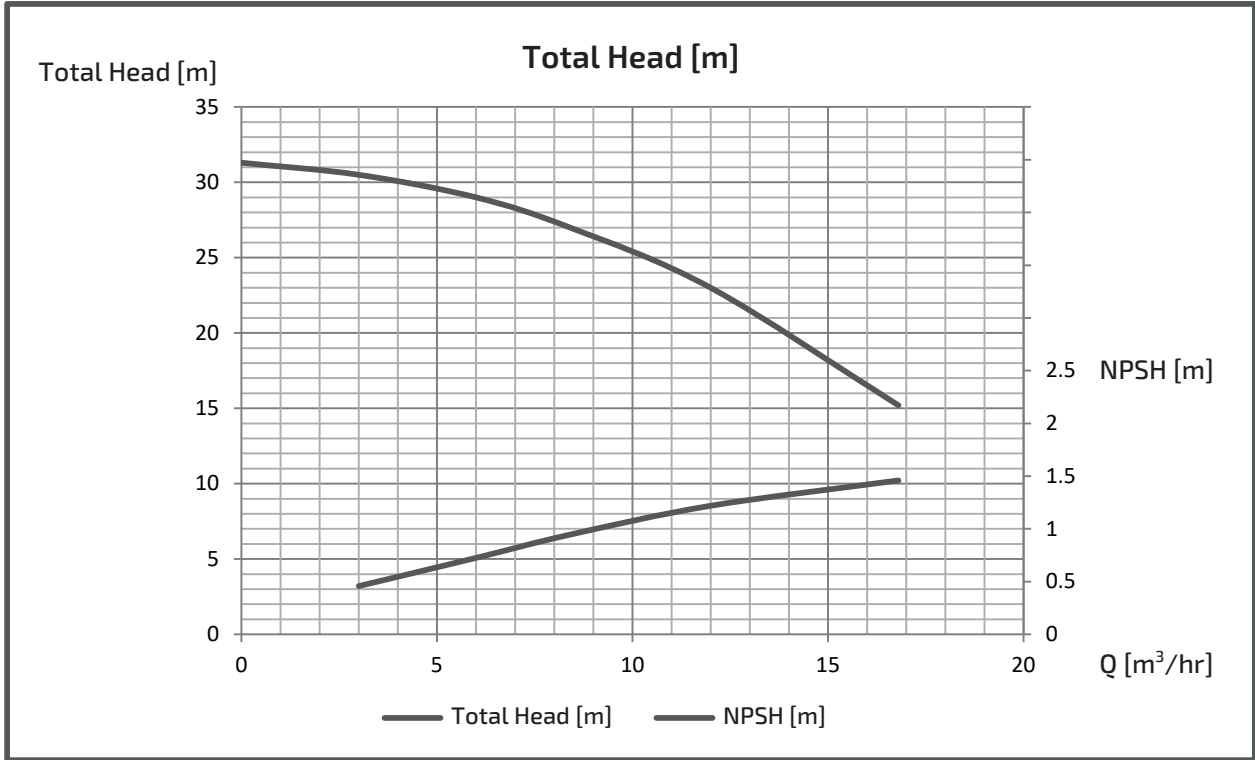
■ PERFORMANCE CURVES



EXPECTED PERFORMANCE CURVE

MODEL : GS3-405CE1.5

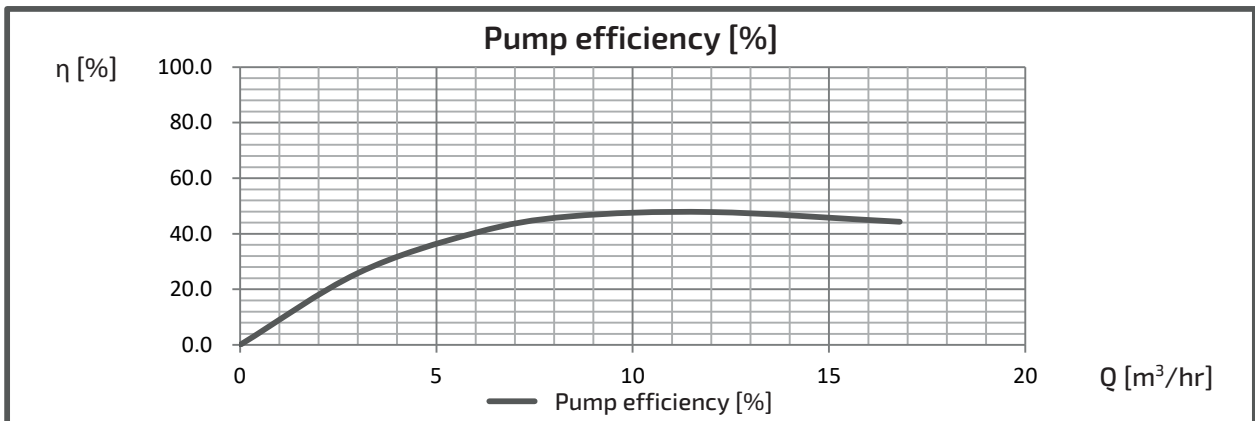
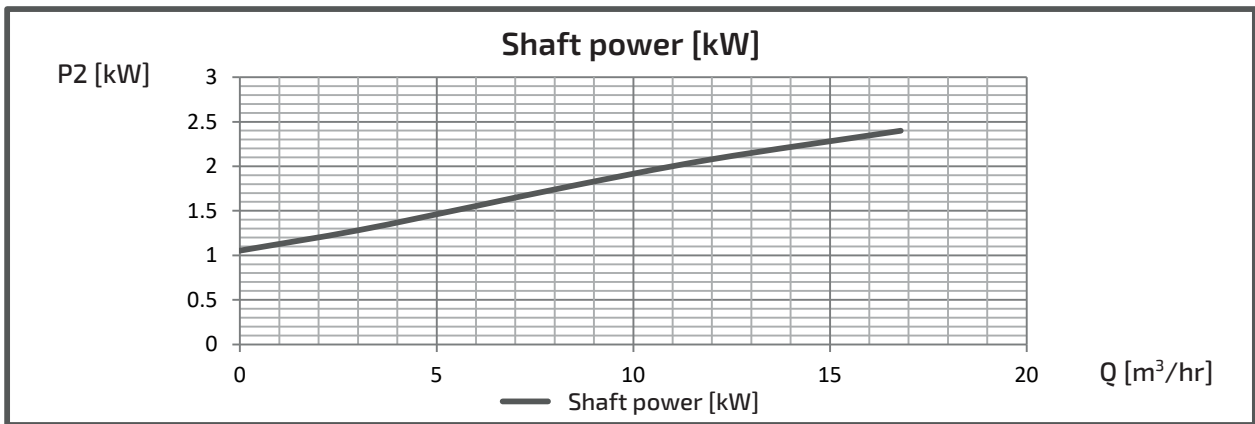
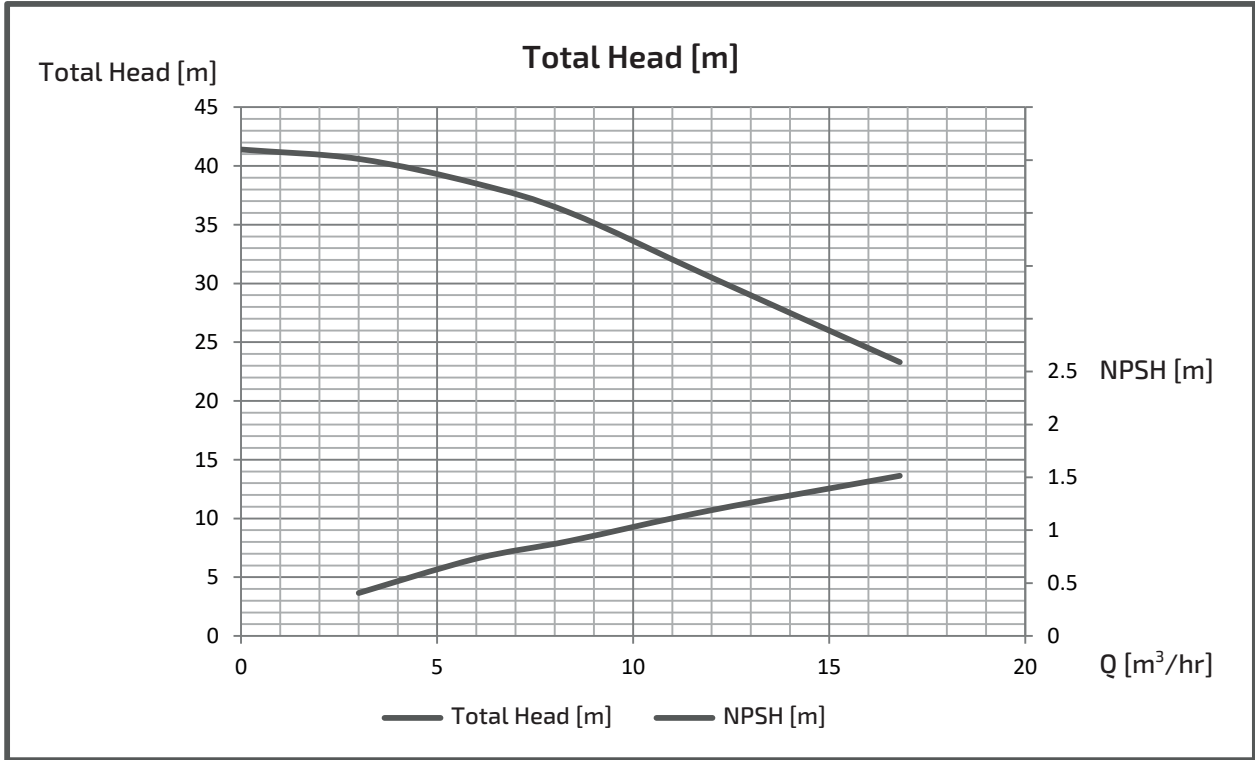
■ PERFORMANCE CURVES



EXPECTED PERFORMANCE CURVE

MODEL : GS3-405CE2.2

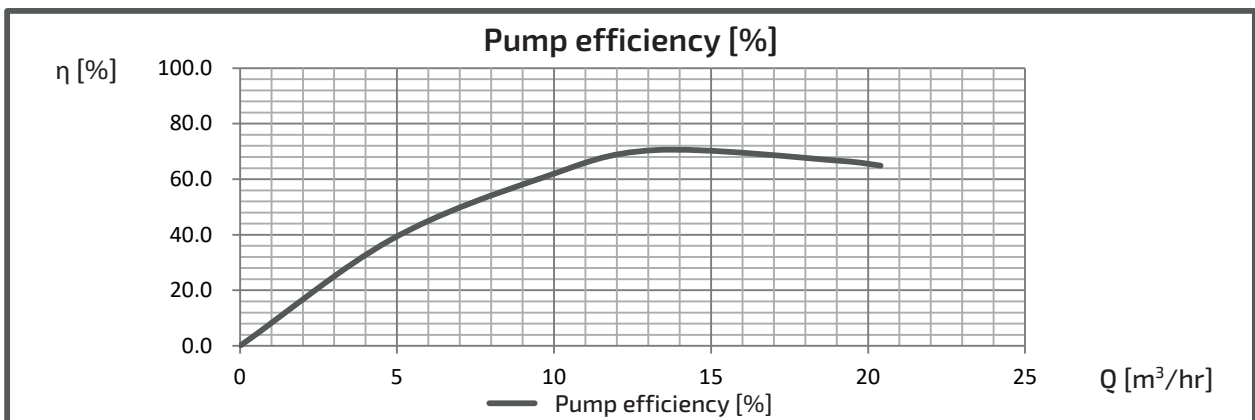
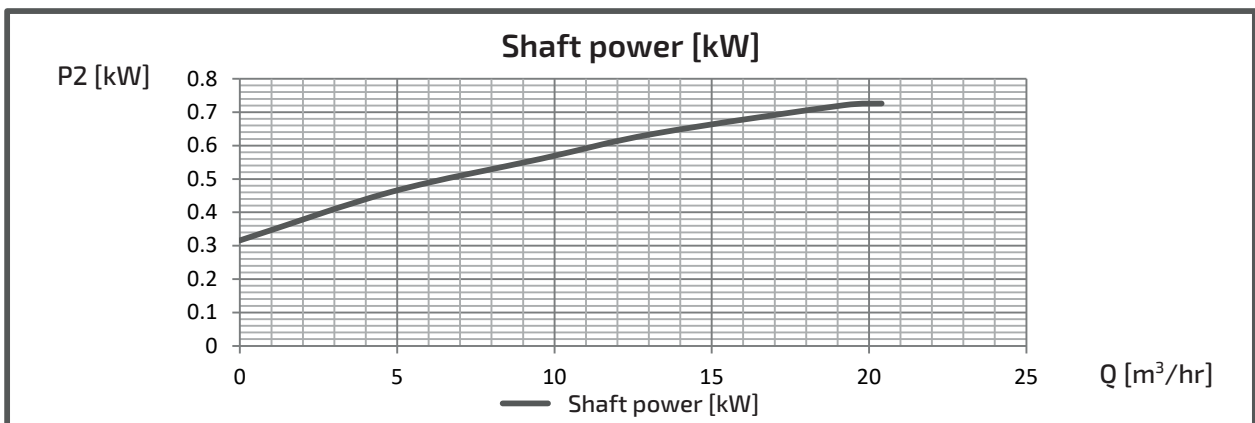
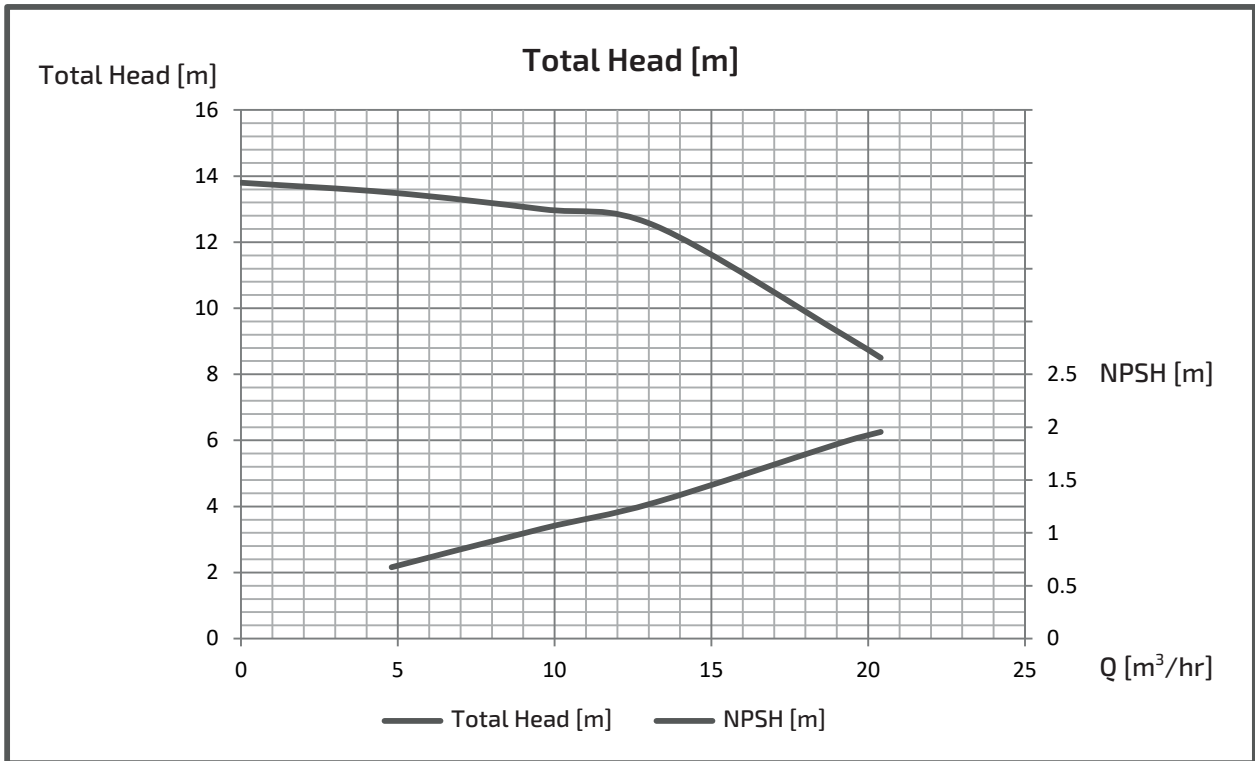
■ PERFORMANCE CURVES



EXPECTED PERFORMANCE CURVE

MODEL : GS3-505CE0.75

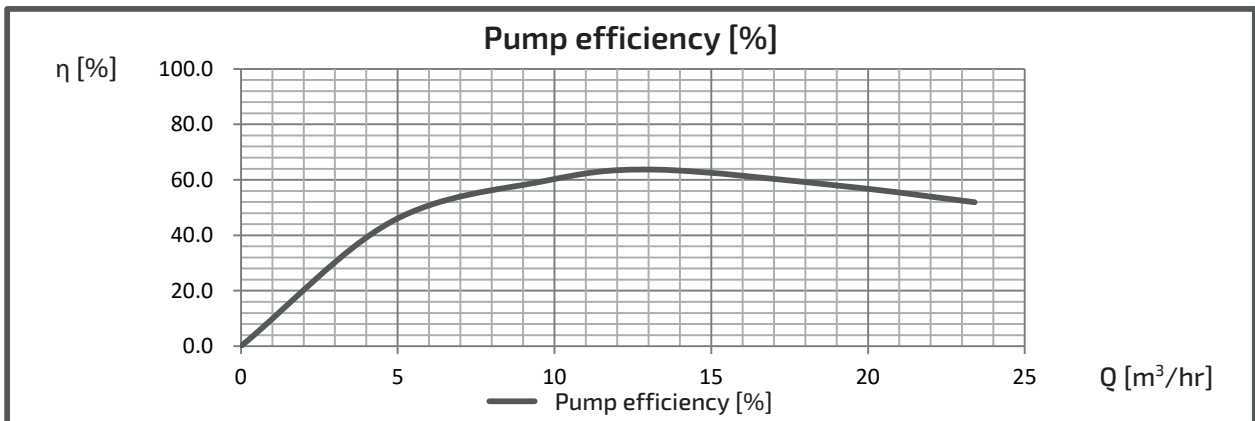
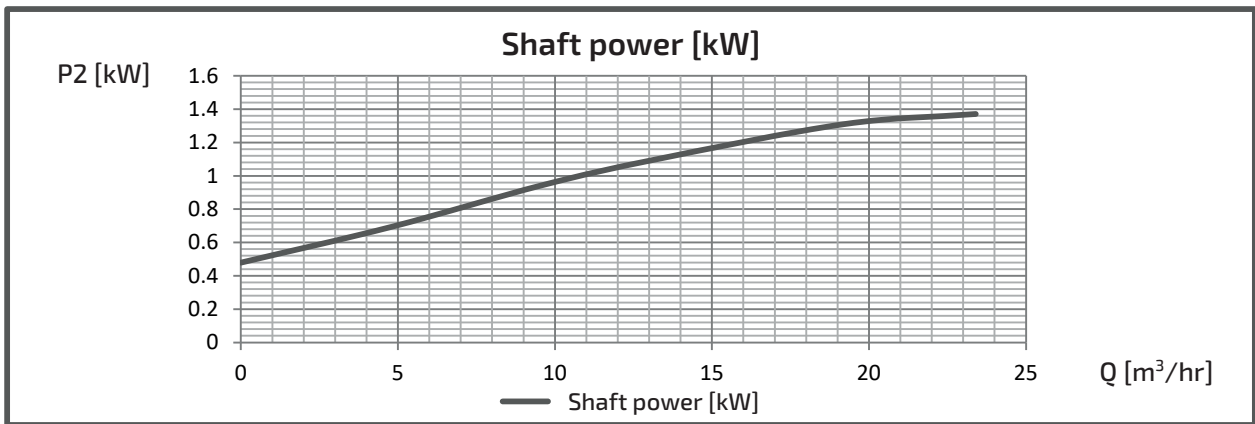
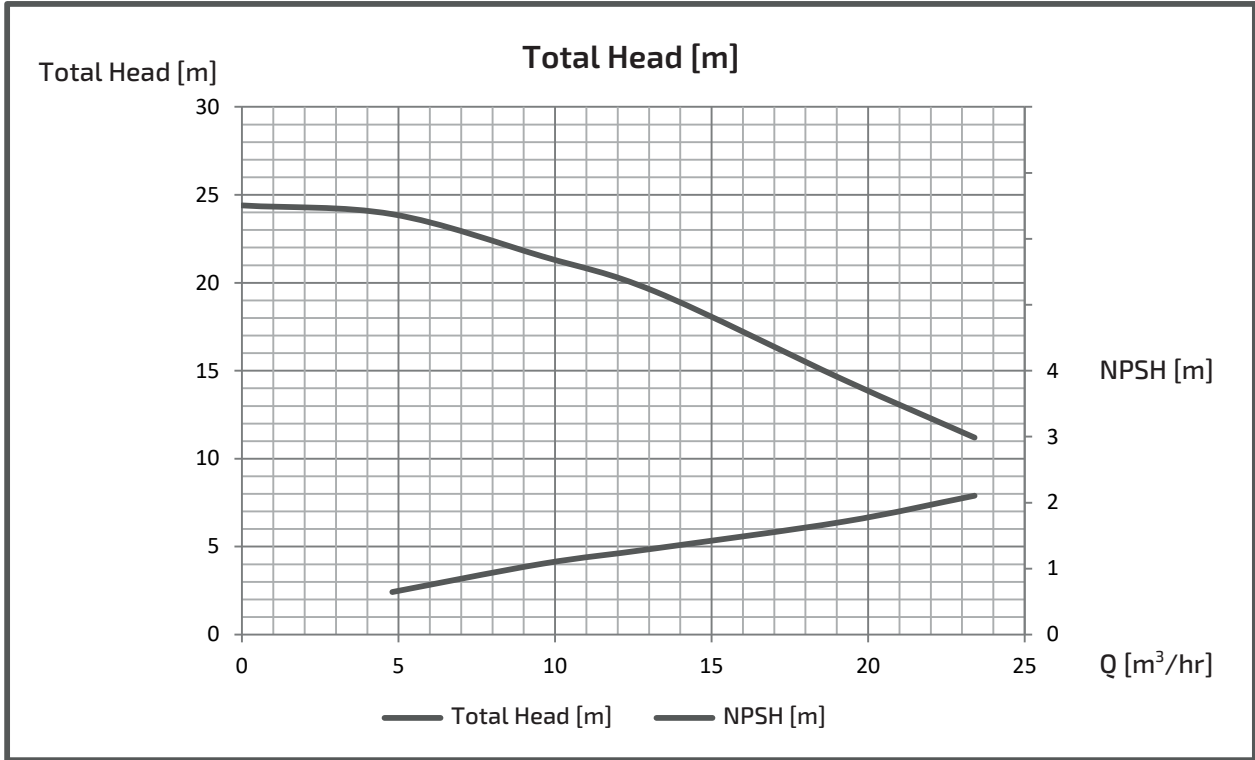
■ PERFORMANCE CURVES



EXPECTED PERFORMANCE CURVE

MODEL : GS3-505CE1.5

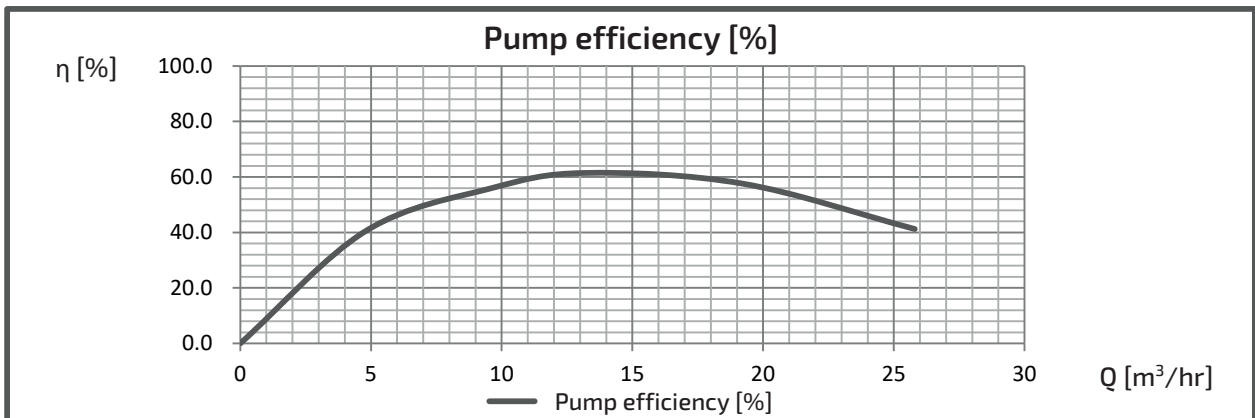
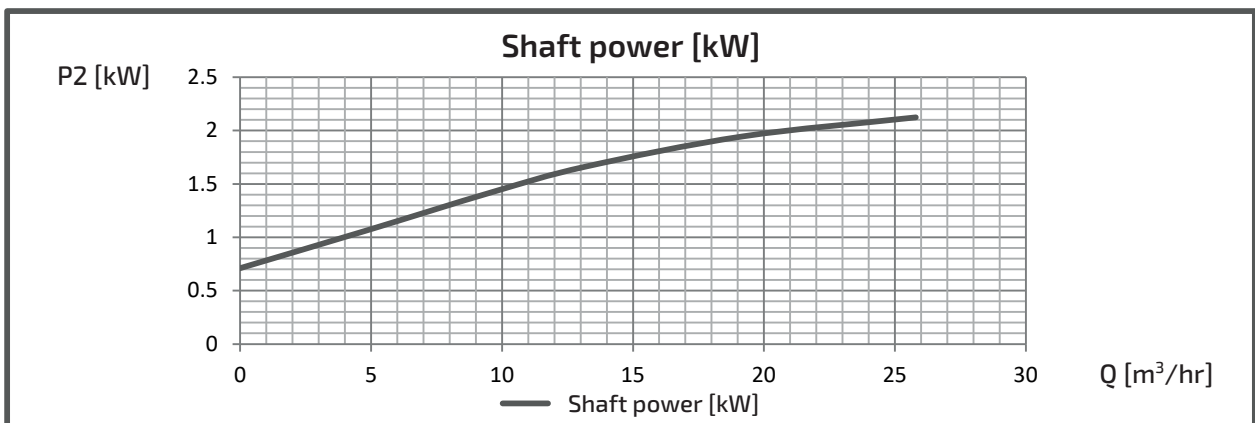
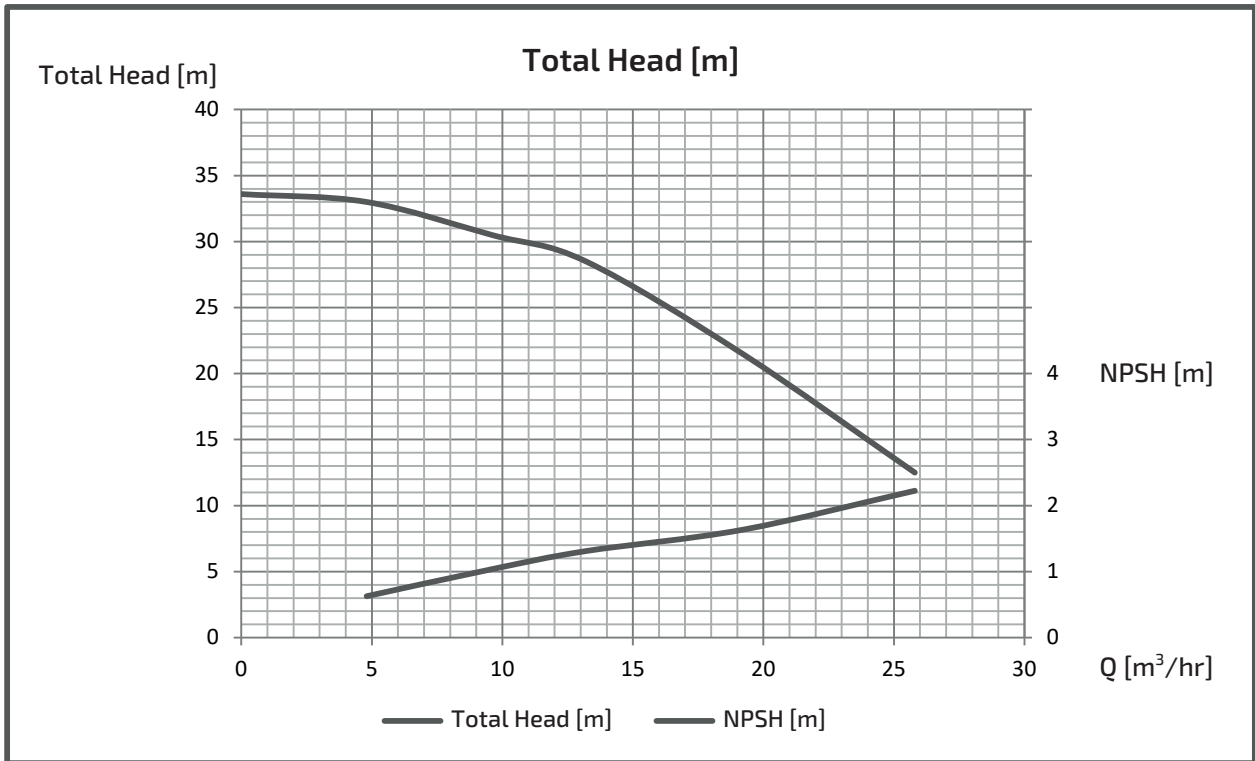
■ PERFORMANCE CURVES



EXPECTED PERFORMANCE CURVE

MODEL : GS3-505CE2.2

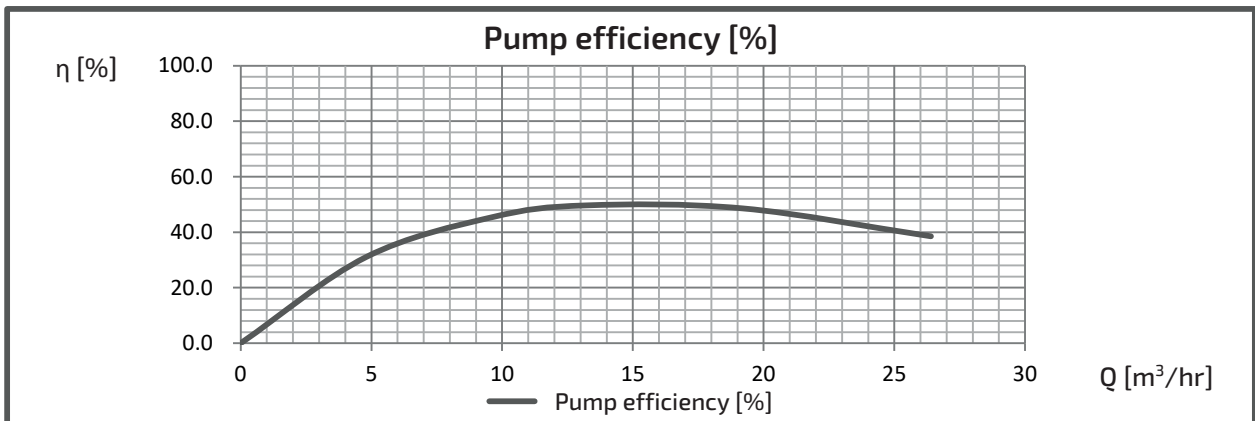
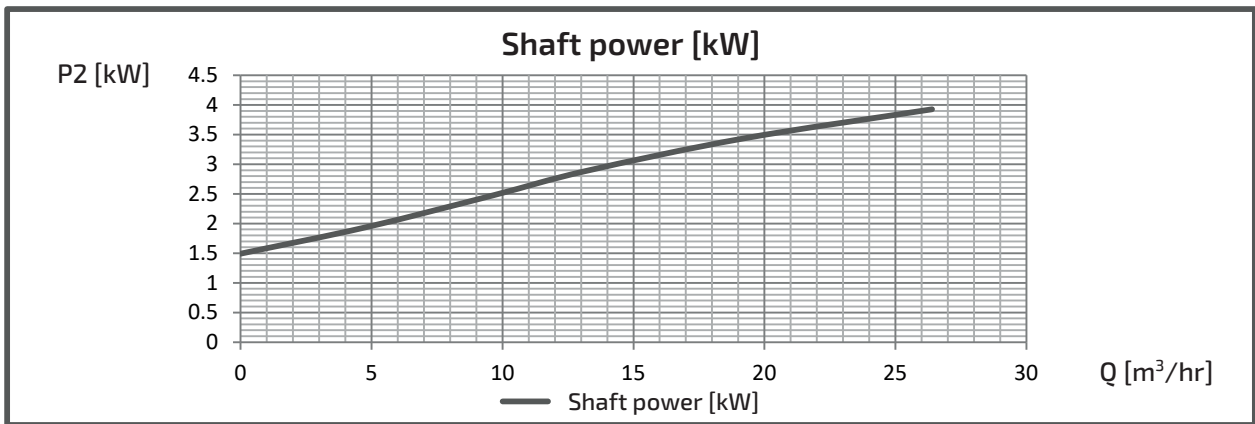
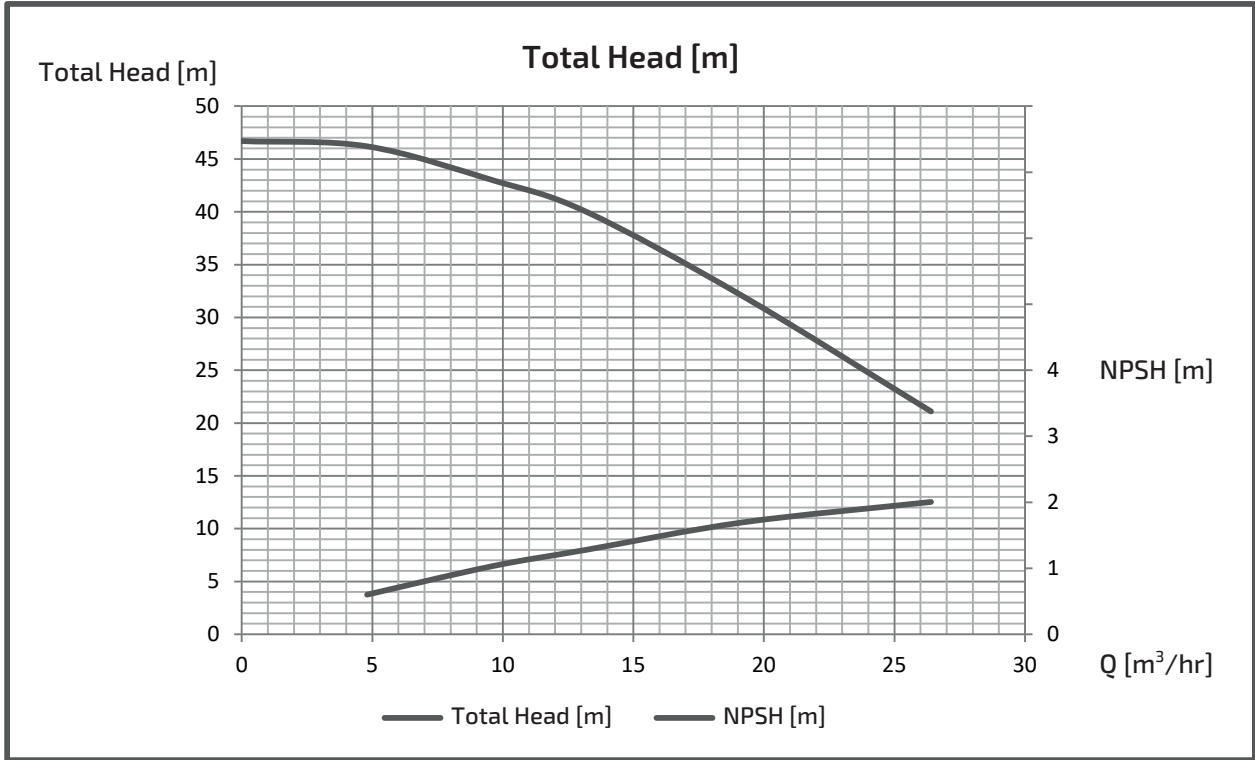
■ PERFORMANCE CURVES



EXPECTED PERFORMANCE CURVE

MODEL : GS3-505CE3.7

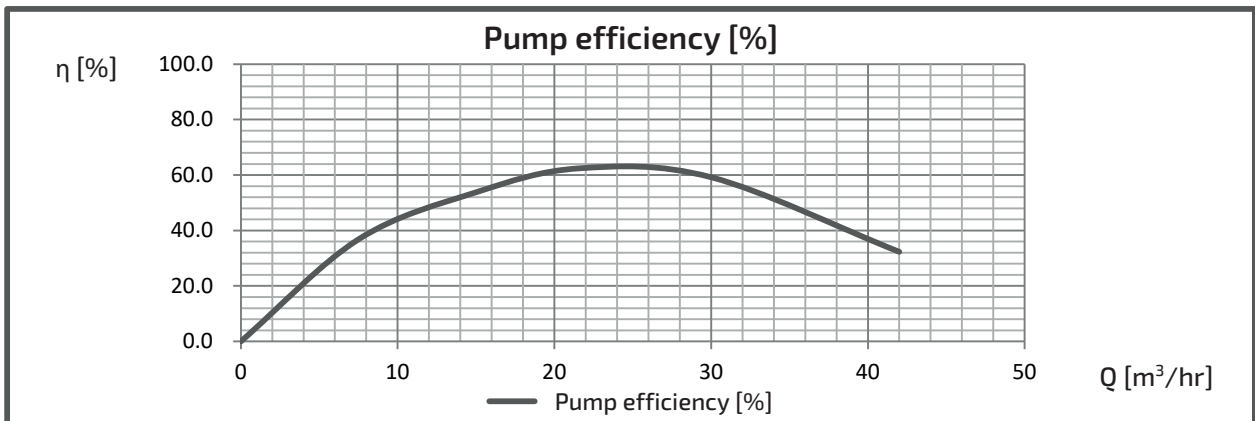
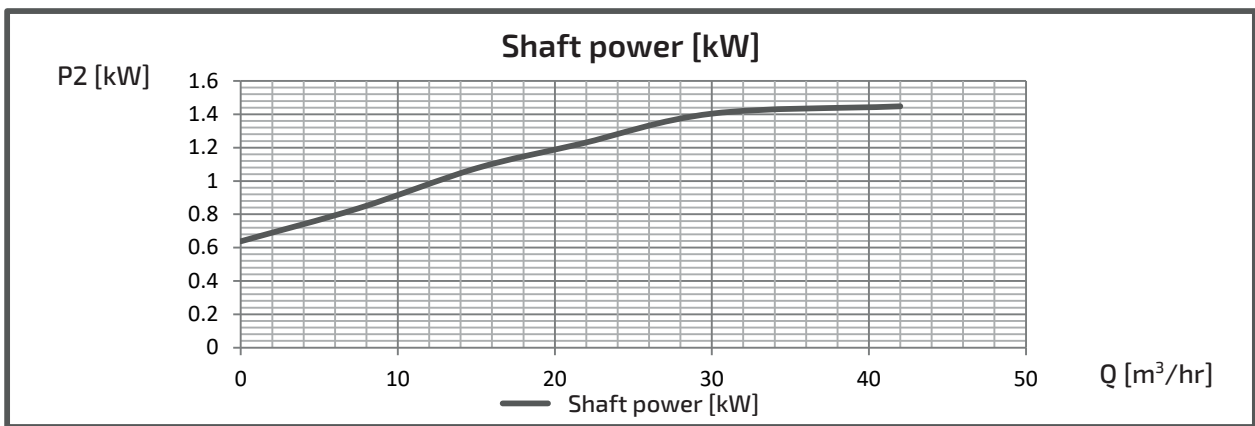
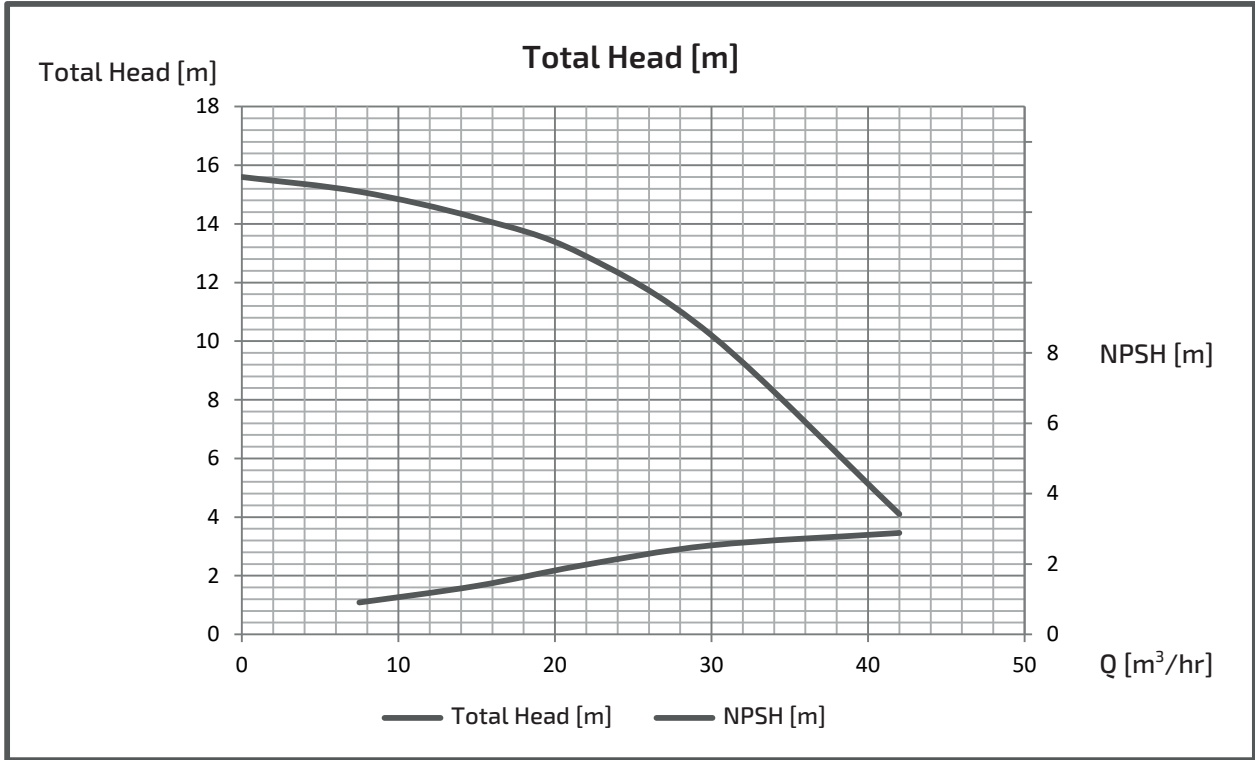
■ PERFORMANCE CURVES



EXPECTED PERFORMANCE CURVE

MODEL : GS3-655CE1.5

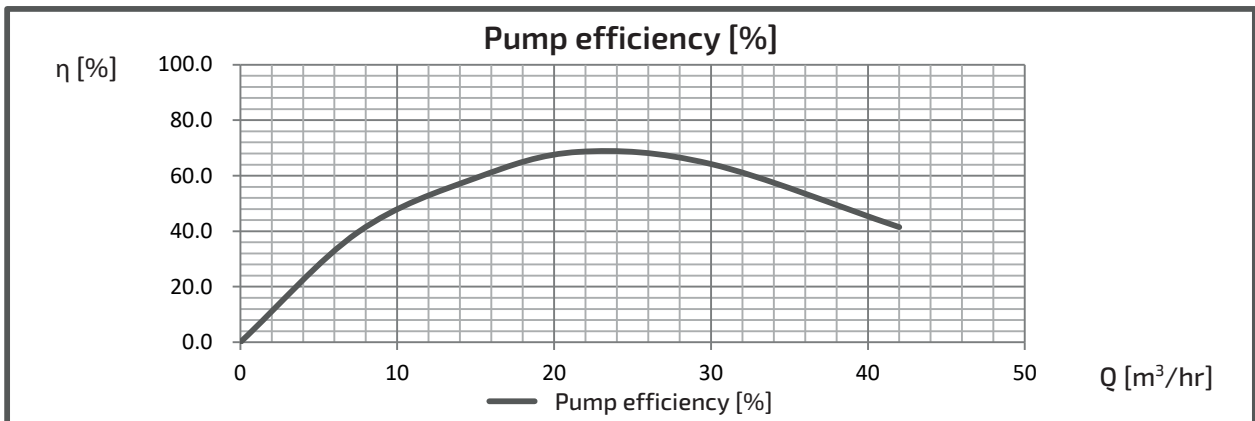
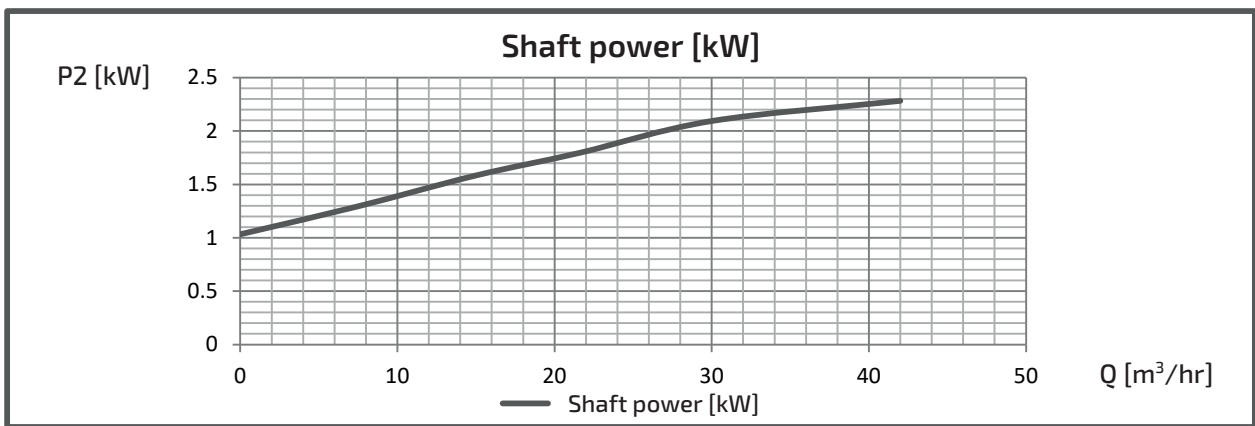
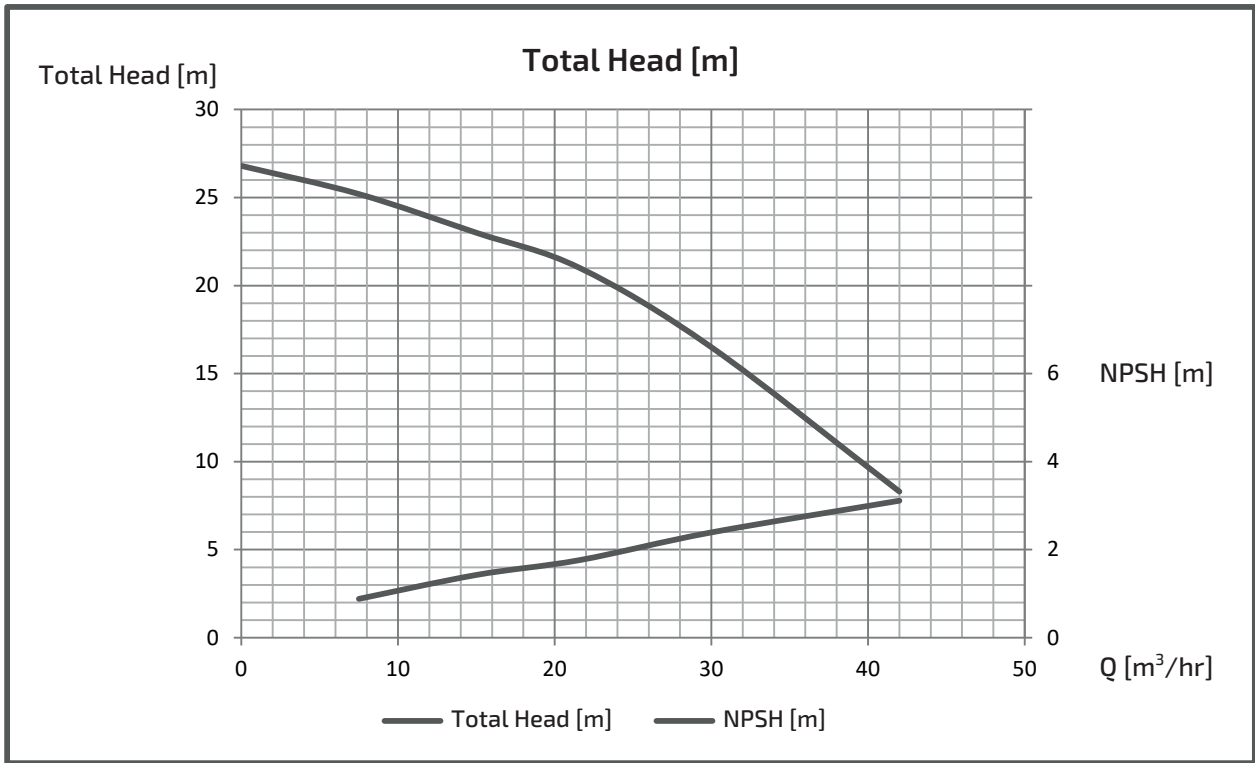
■ PERFORMANCE CURVES



EXPECTED PERFORMANCE CURVE

MODEL : GS3-655CE2.2

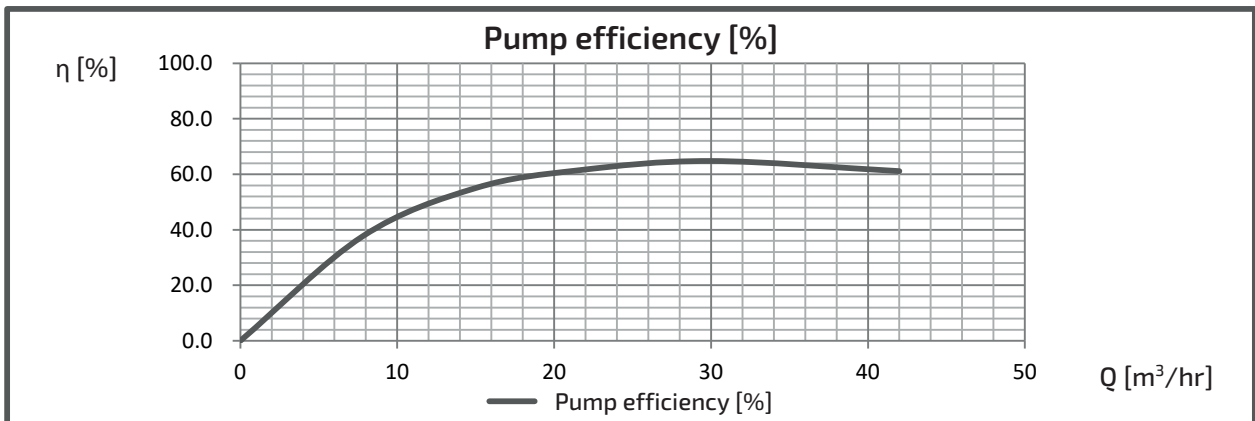
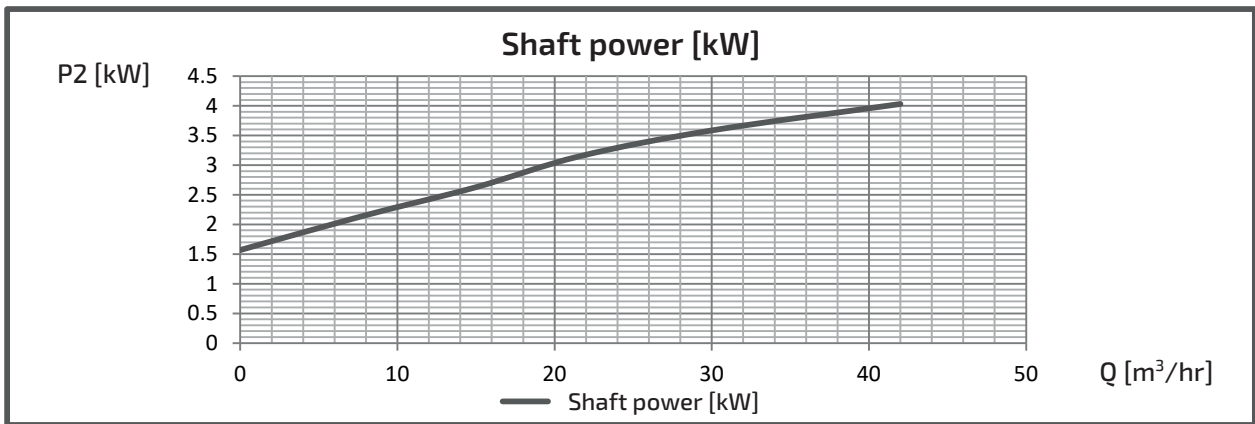
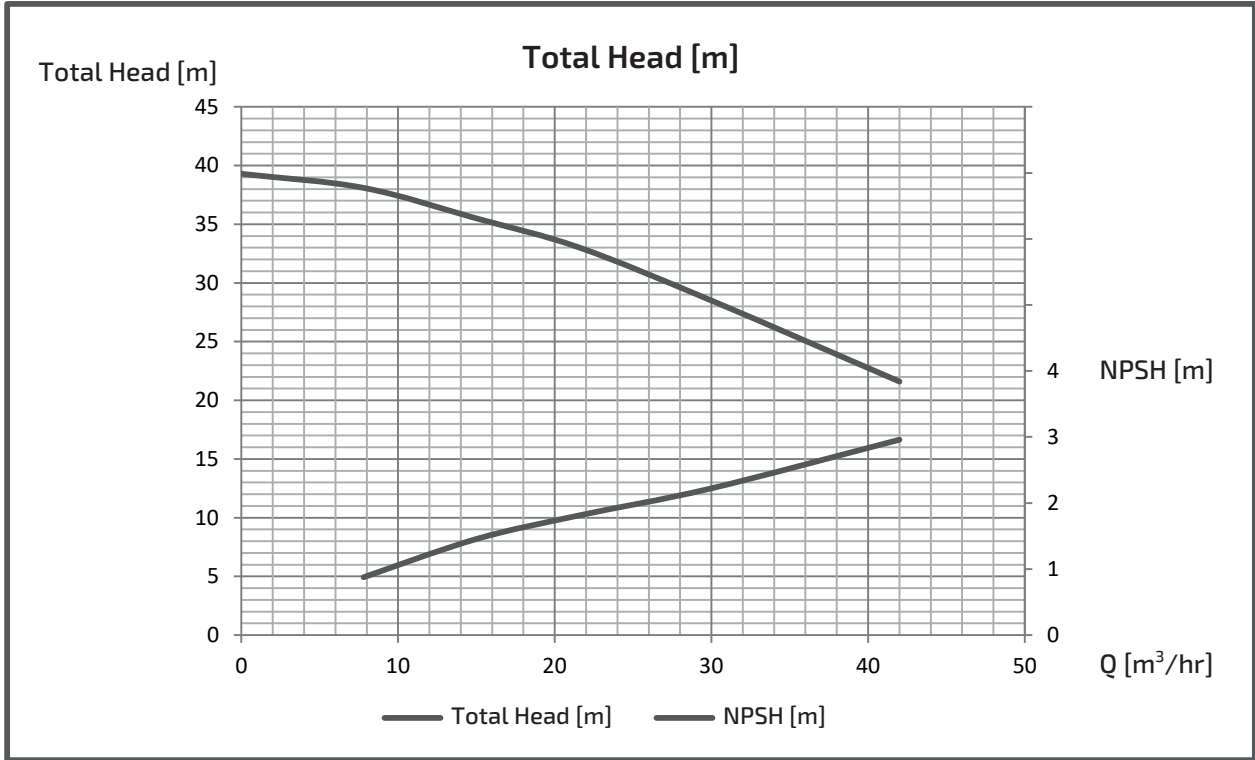
■ PERFORMANCE CURVES



EXPECTED PERFORMANCE CURVE

MODEL : GS3-655CE3.7

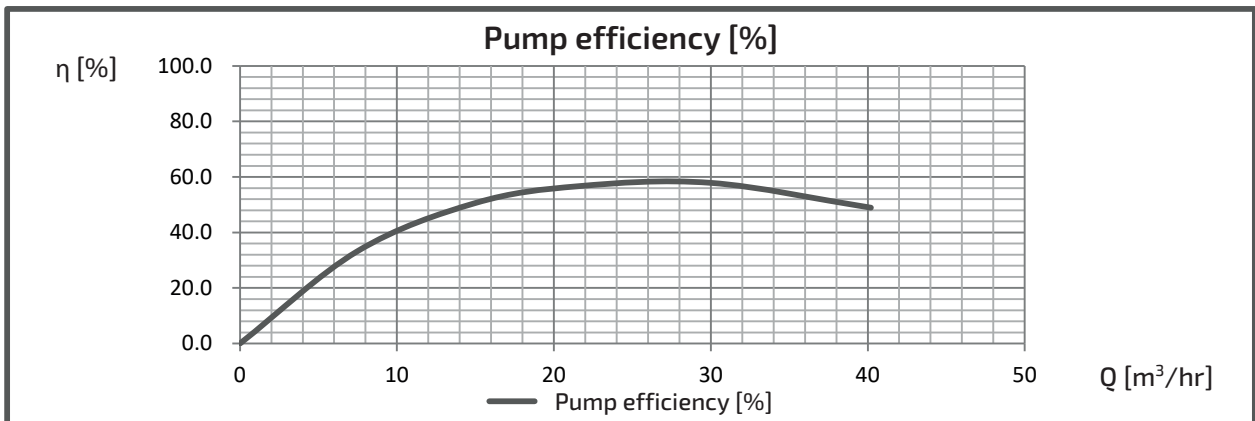
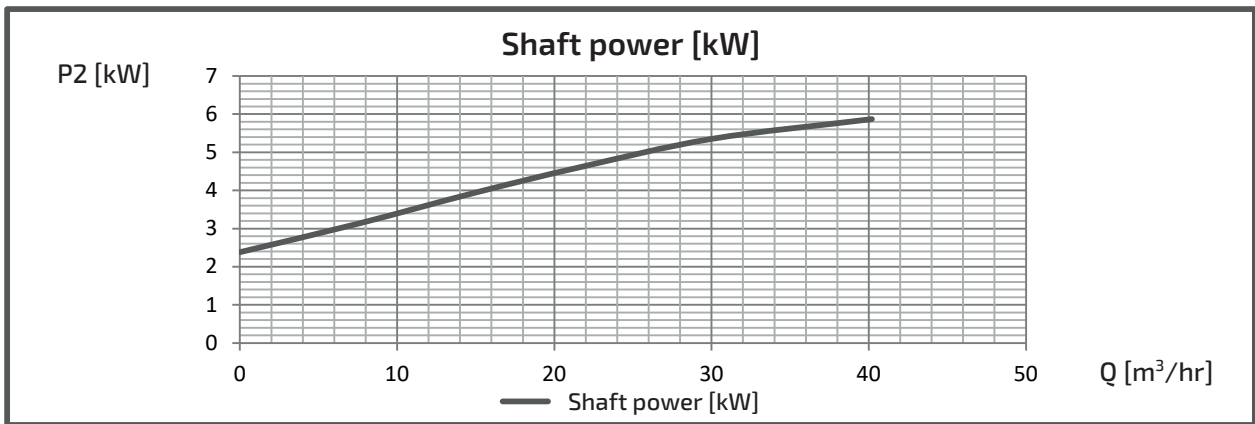
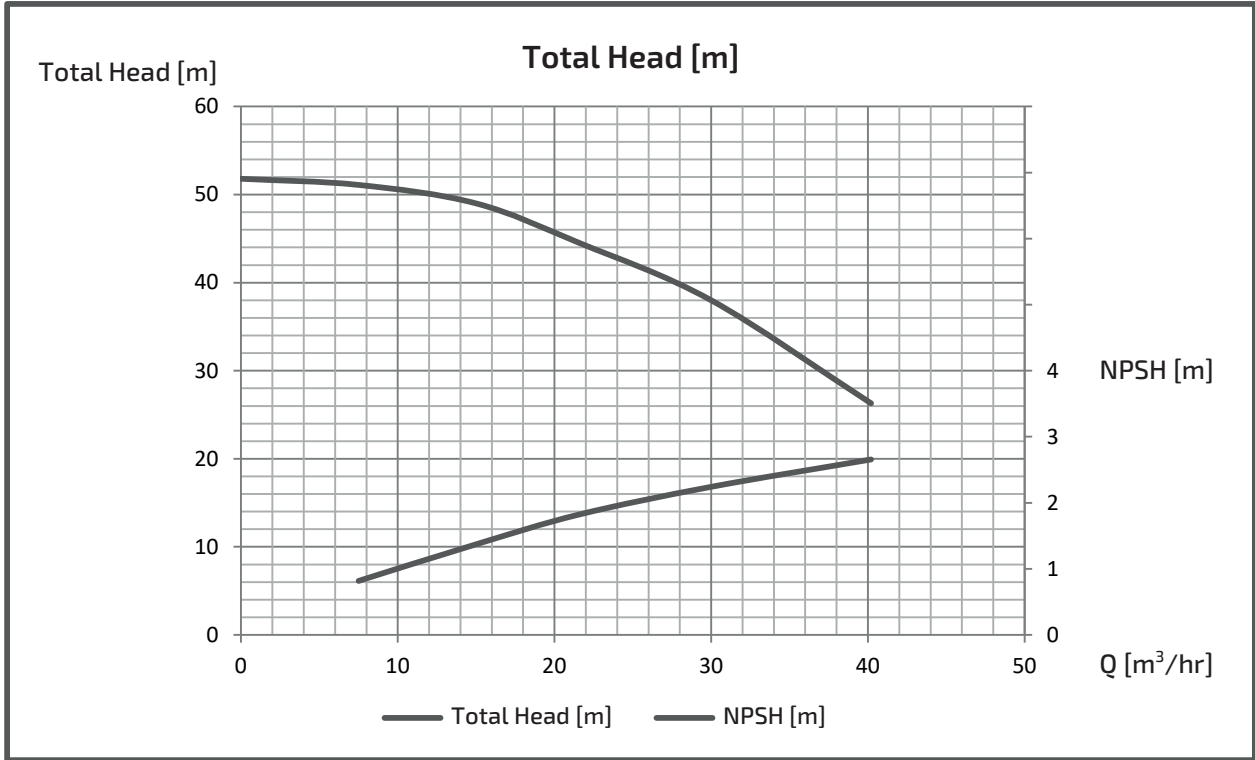
■ PERFORMANCE CURVES



EXPECTED PERFORMANCE CURVE

MODEL : GS3-655CE5.5

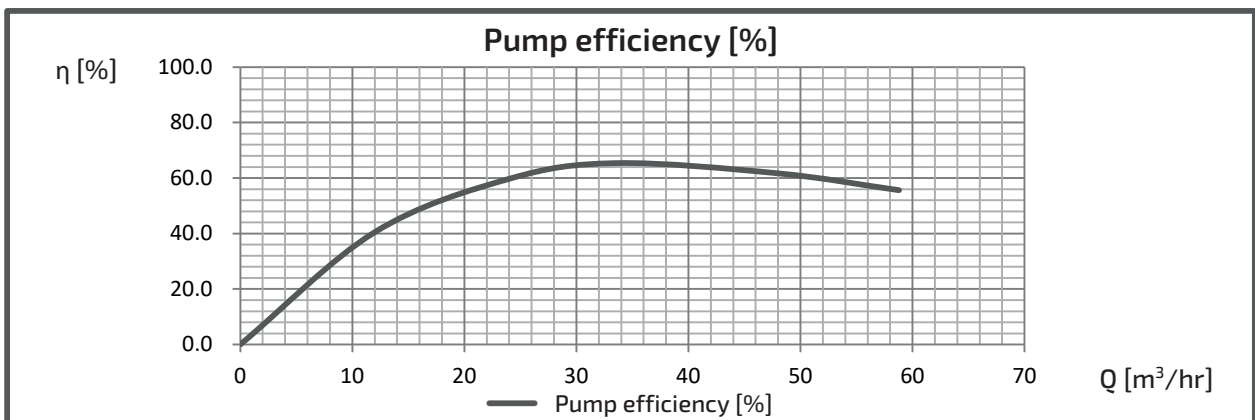
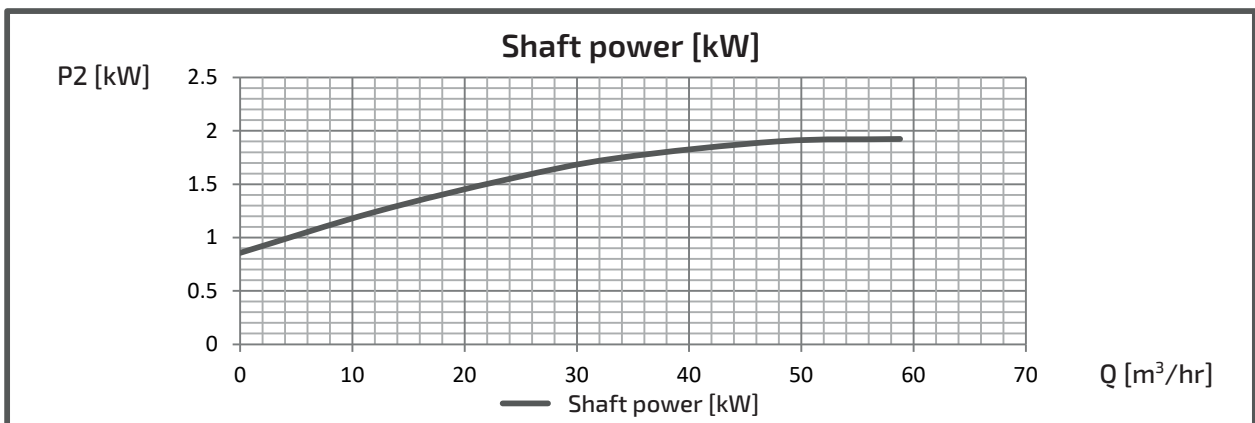
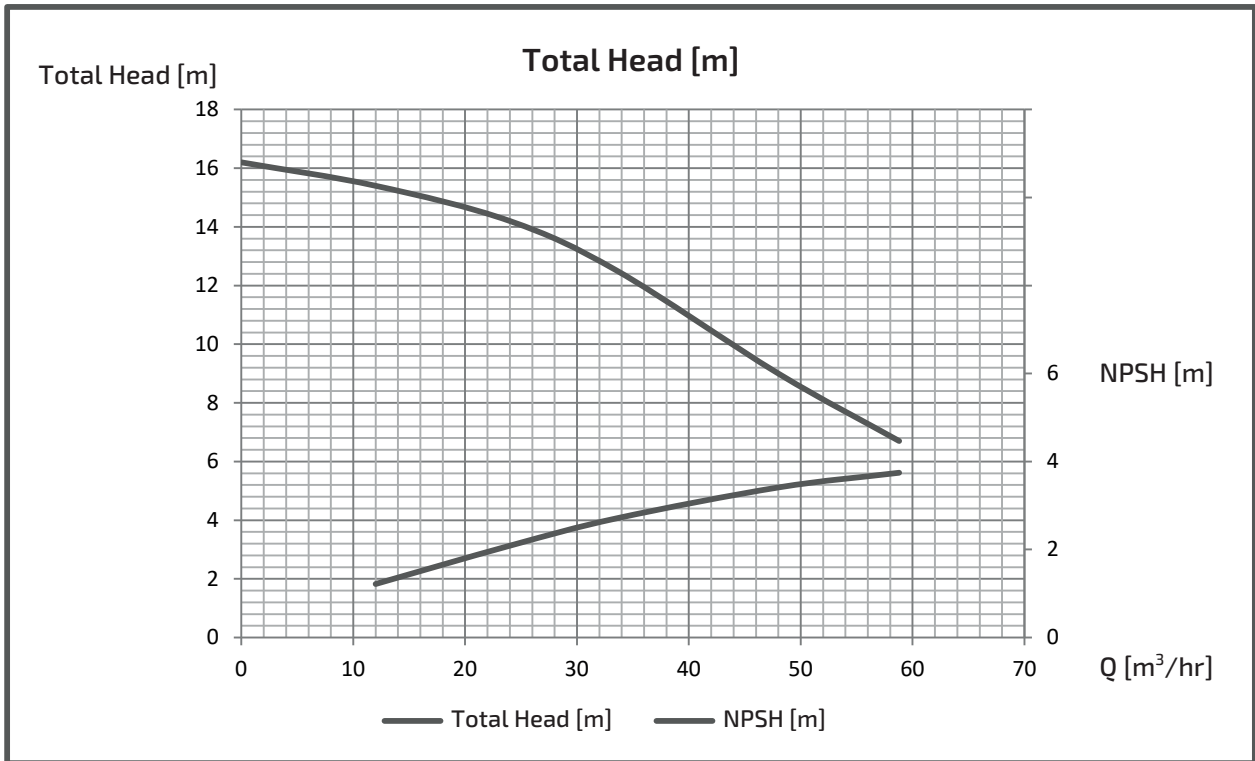
■ PERFORMANCE CURVES



EXPECTED PERFORMANCE CURVE

MODEL : GS3-805CE2.2

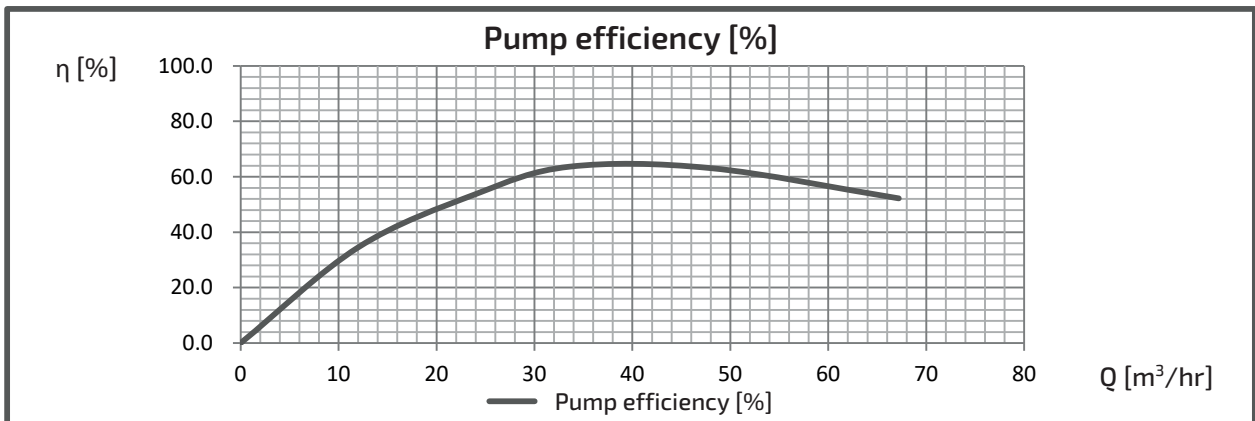
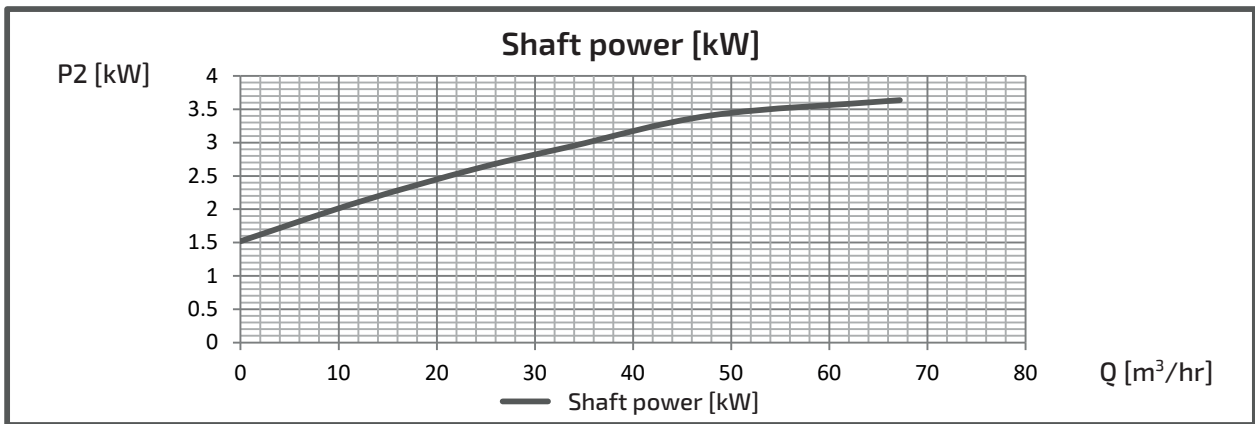
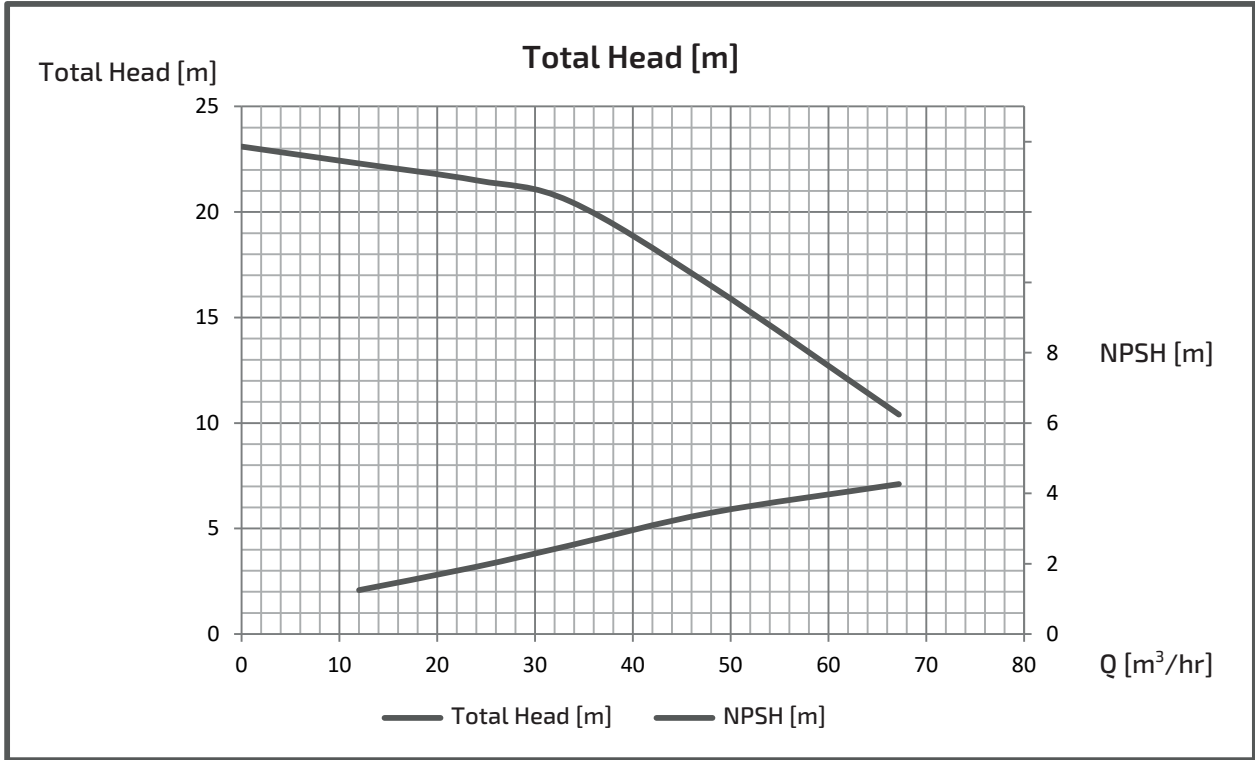
■ PERFORMANCE CURVES



EXPECTED PERFORMANCE CURVE

MODEL : GS3-805CE3.7

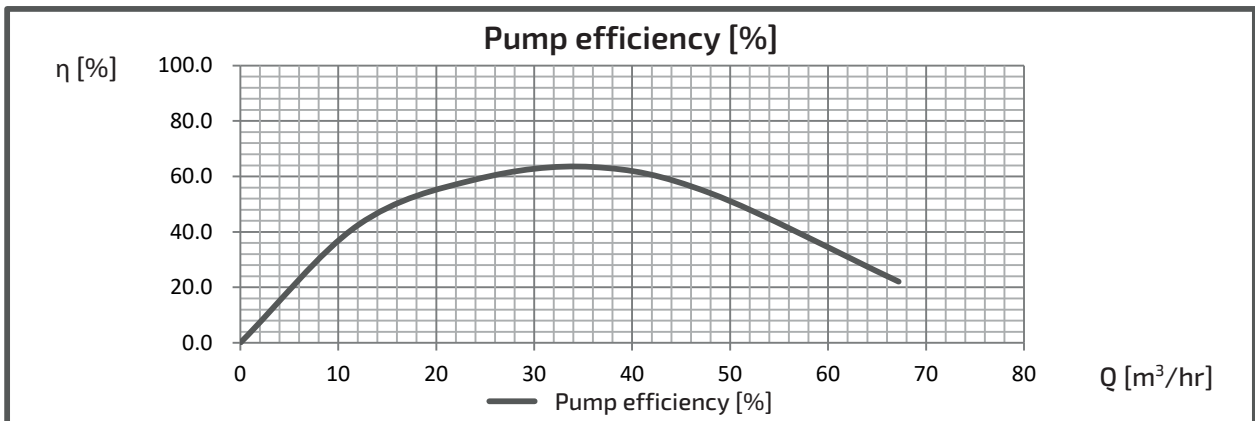
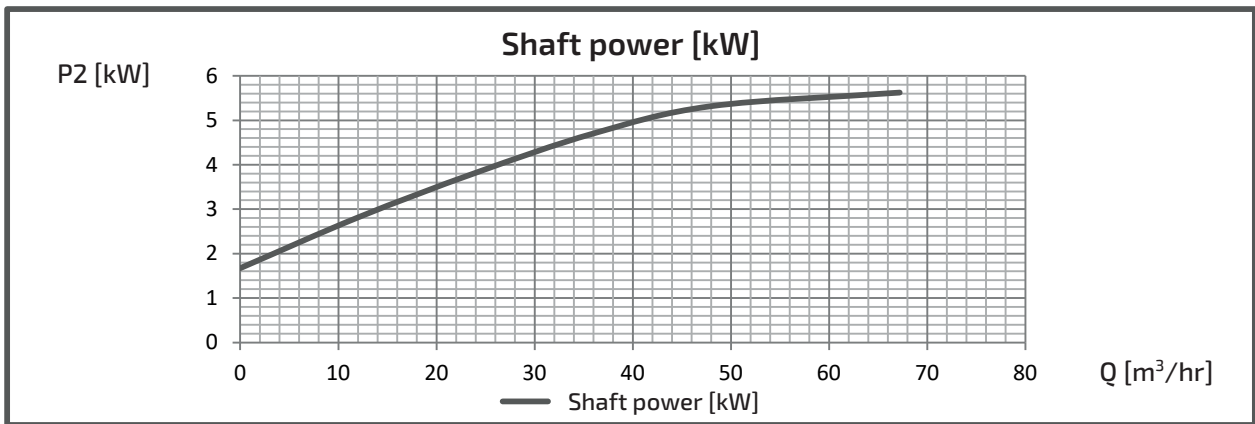
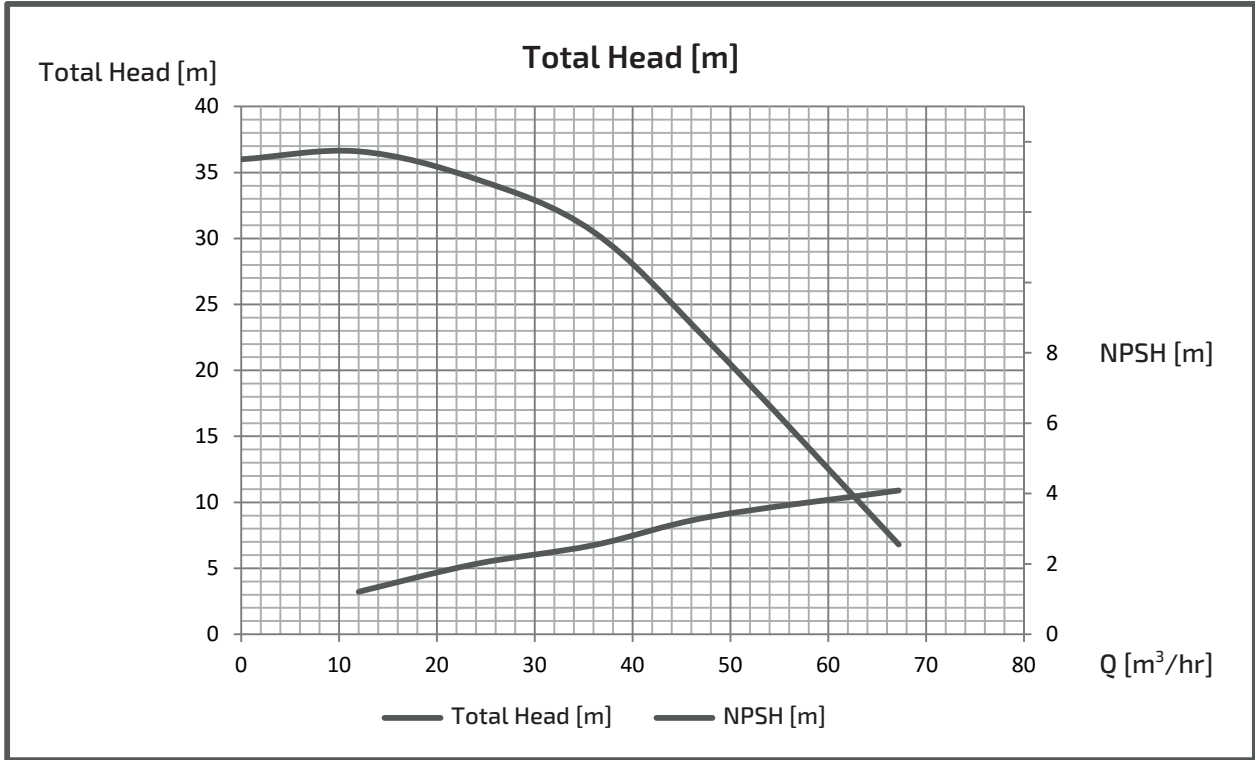
■ PERFORMANCE CURVES



EXPECTED PERFORMANCE CURVE

MODEL : GS3-805CE5.5

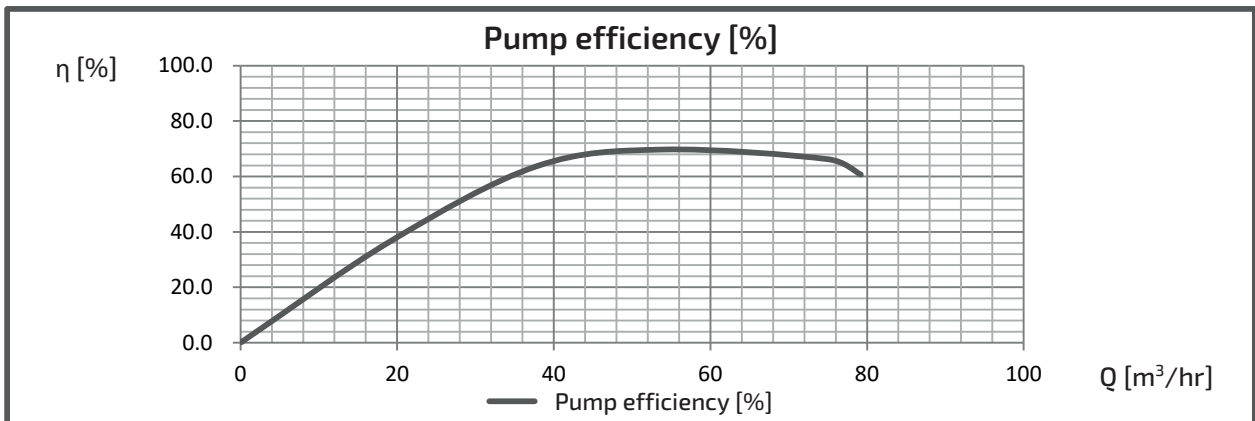
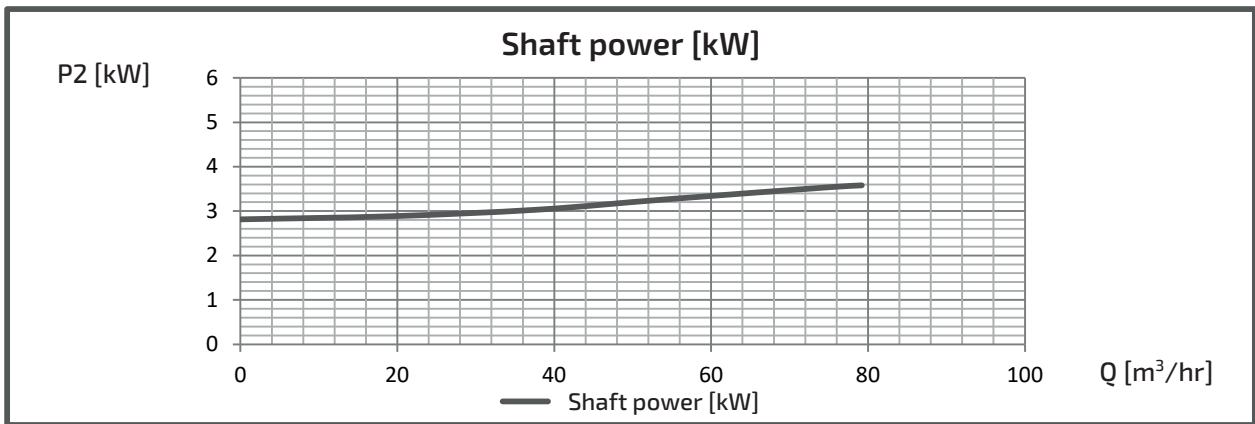
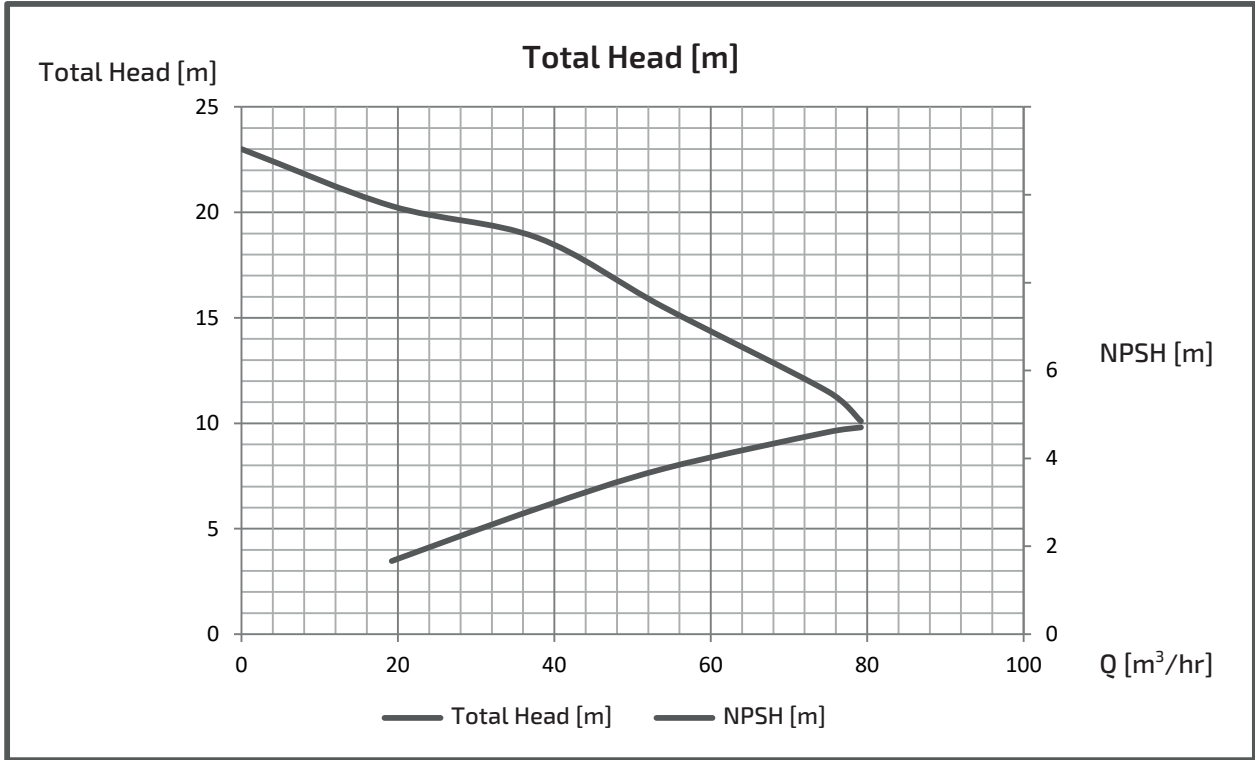
■ PERFORMANCE CURVES



EXPECTED PERFORMANCE CURVE

MODEL : GS3-1005CE3.7

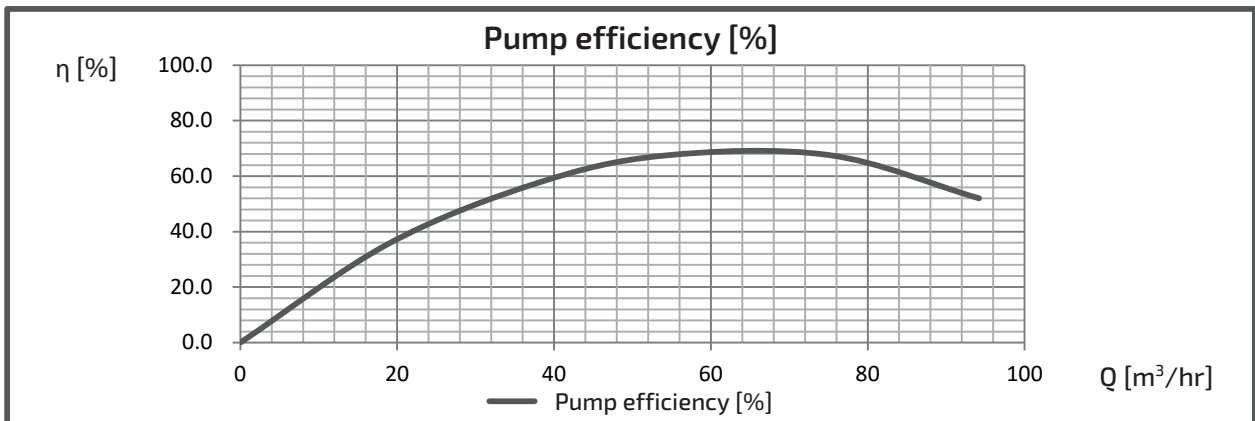
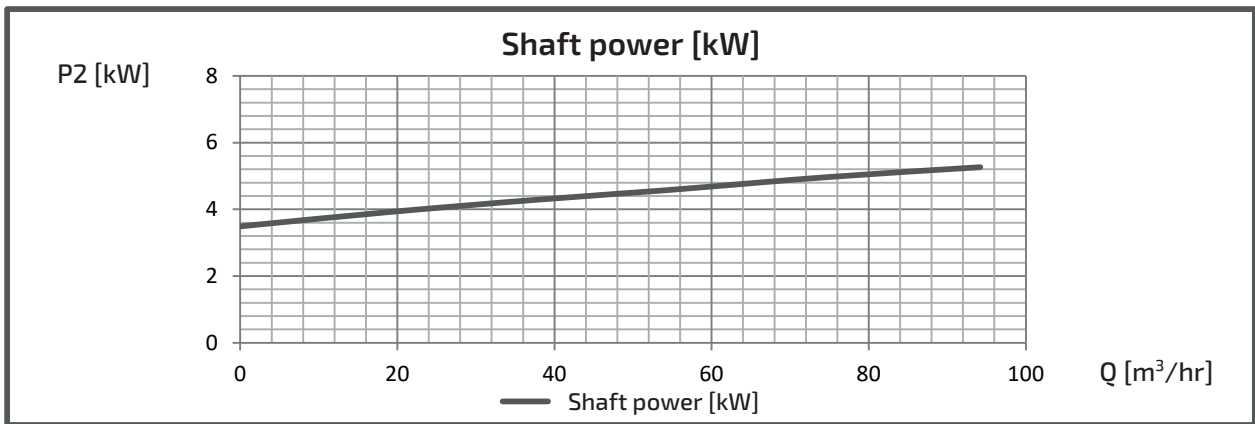
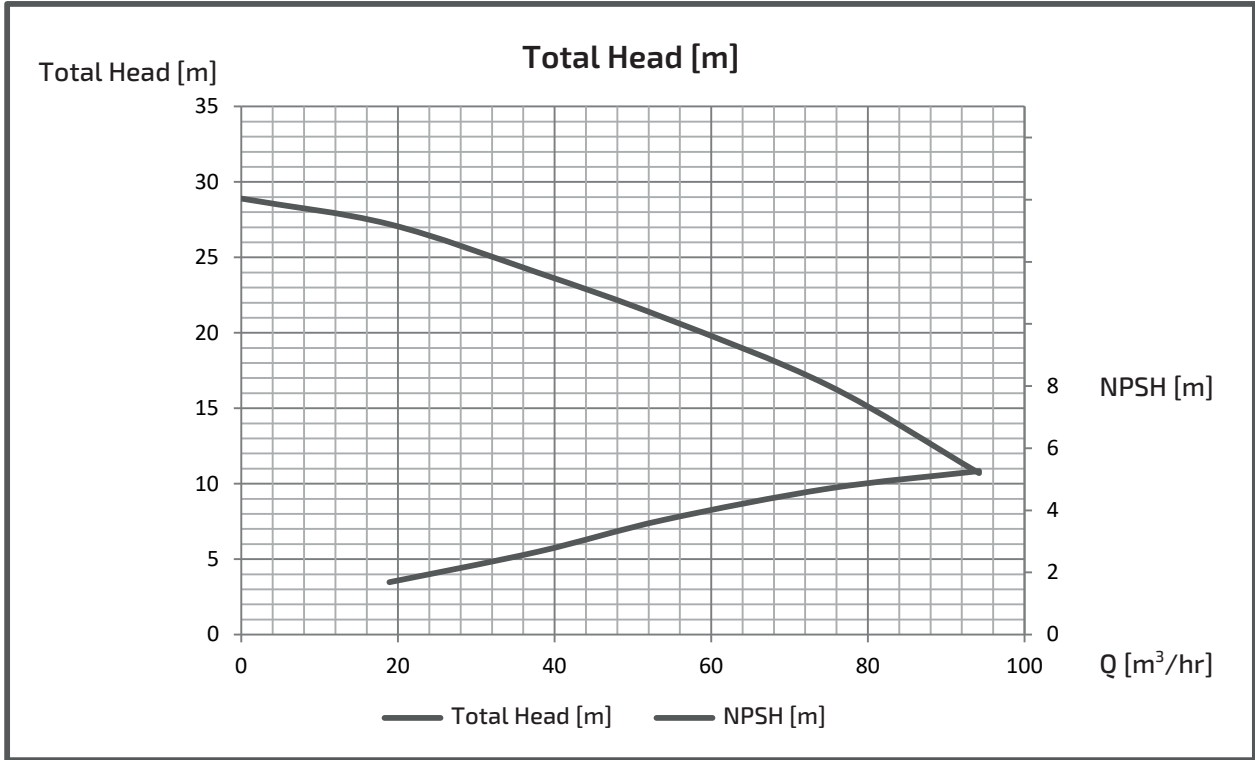
■ PERFORMANCE CURVES



EXPECTED PERFORMANCE CURVE

MODEL : GS3-1005CE5.5

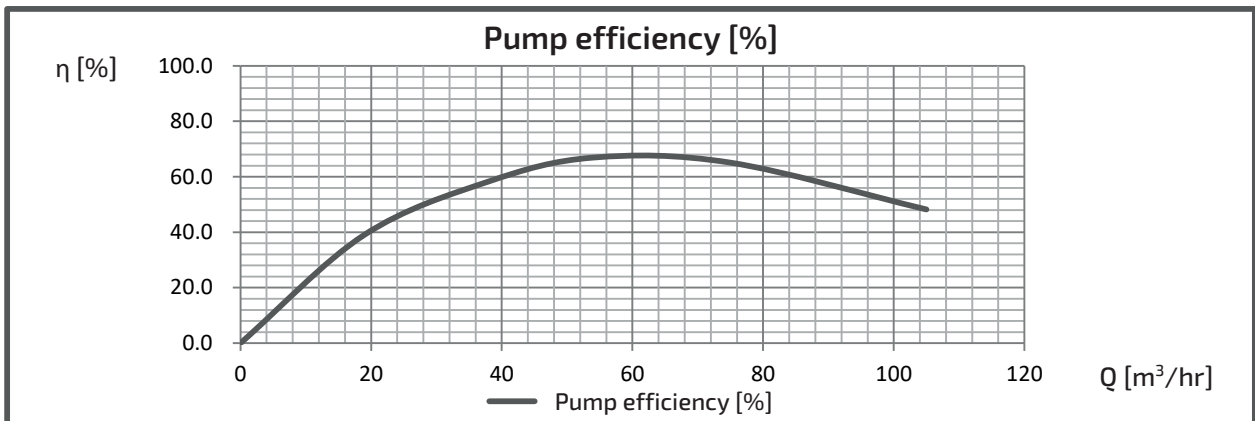
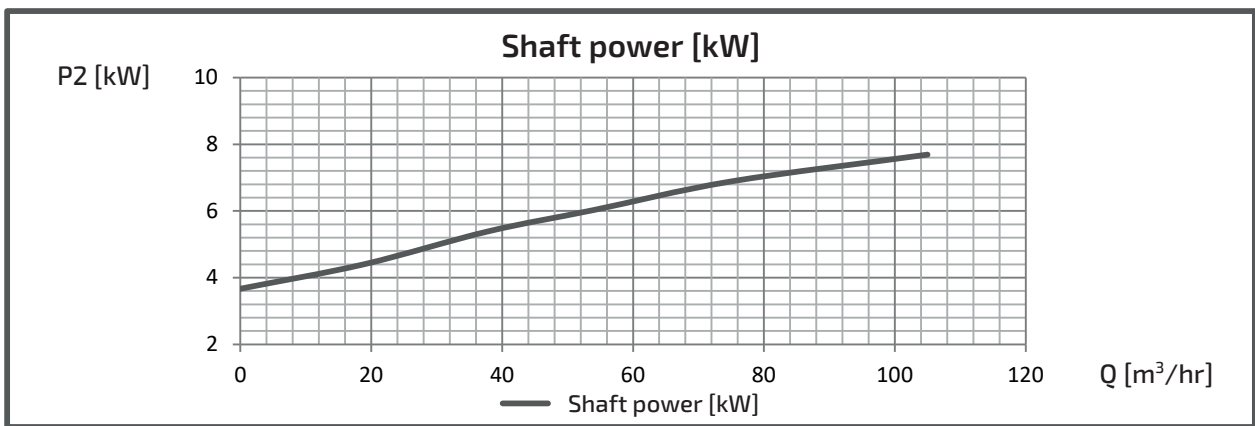
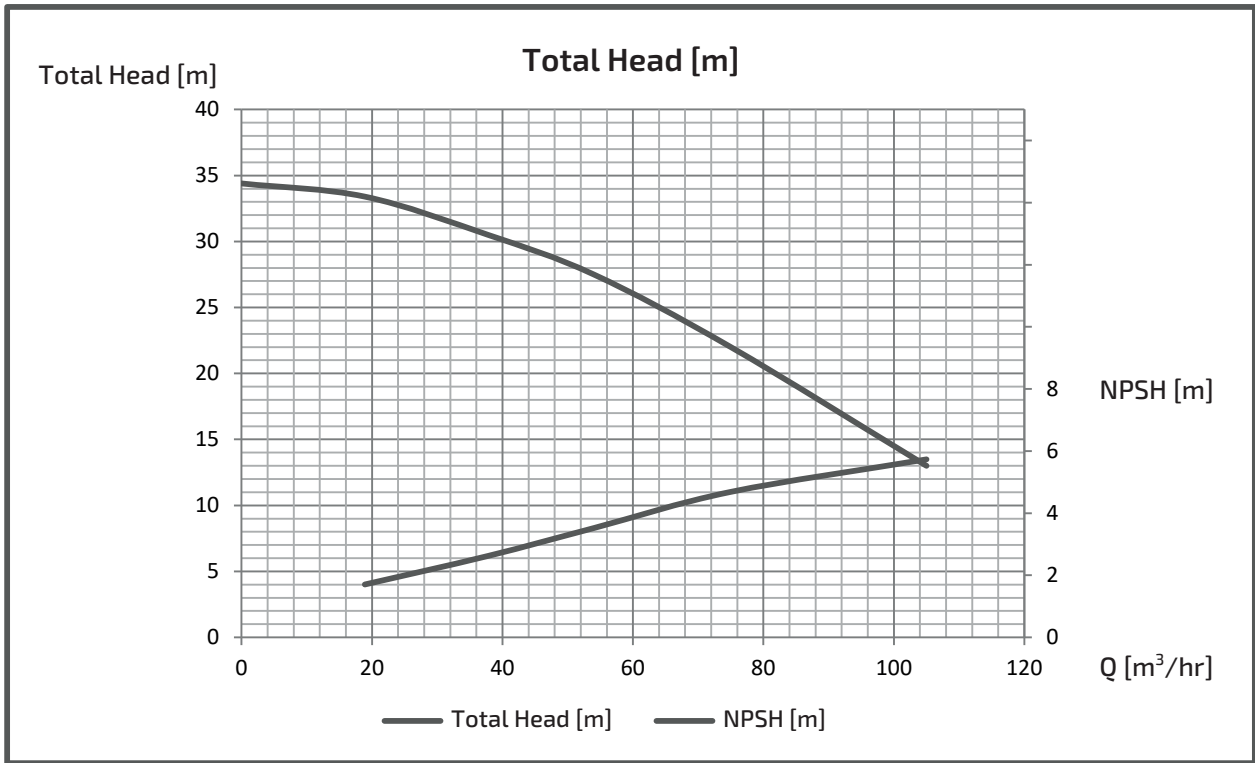
■ PERFORMANCE CURVES



EXPECTED PERFORMANCE CURVE

MODEL : GS3-1005CE7.5

■ PERFORMANCE CURVES



GS-M BORE SIZE 40~100MM

APPLICATIONS AND FEATURES

■ APPLICATIONS

- Self priming type
- Cooling water
- Industry
- Agriculture
- General lift up water

■ FEATURES

- Self-priming pump construction does not require foot valve.
- Various kind of models.
- Easy maintenance and inspection due to back pull out construction.
- Low operation sound.

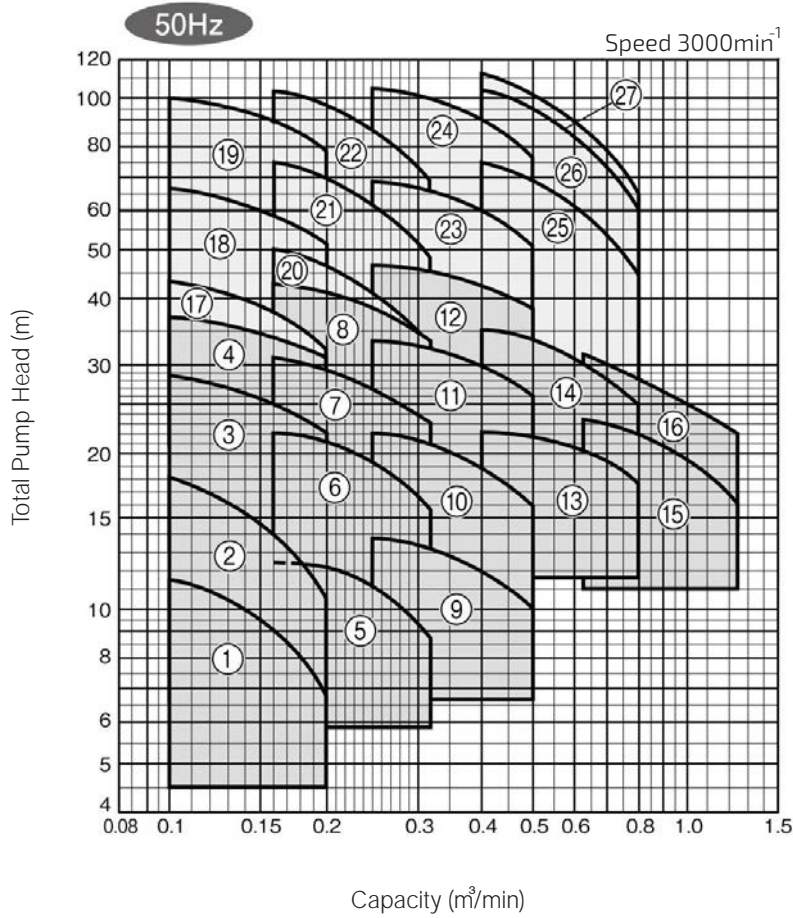
STANDARD SPECIFICATIONS

Description		Model : GS-M
Applicable Liquid		Clean water
Liquid Temperature		0 ~ 40 °C (however there should be no freezing)
Main Pump	Casing	Cast Iron
	Impeller	Cast Iron (Closed)
	Shaft	SUS403
Motor	Speed	2900 rpm
	Protection	IP55, TEFC
Construction	Shaft Seal	Packing seal (Non asbestos)

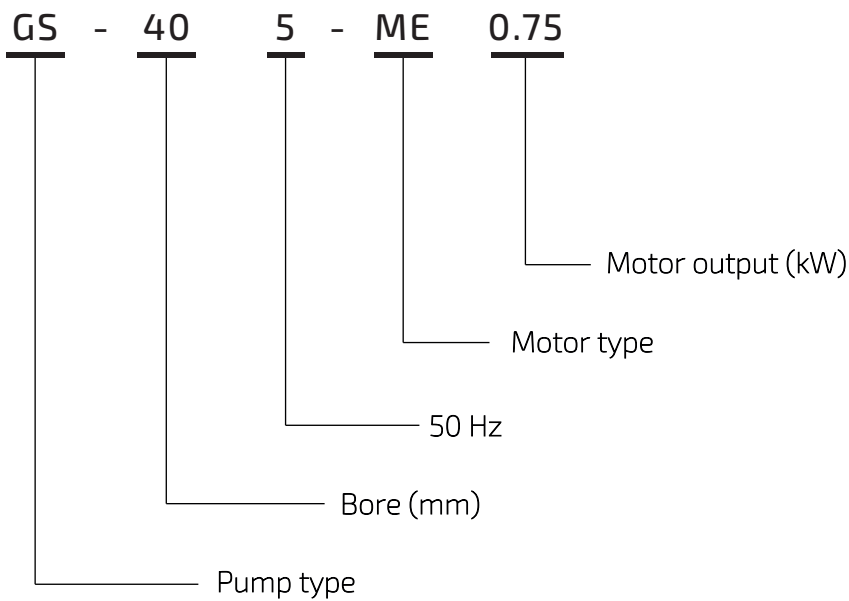
OPTIONAL SPECIFICATIONS

Description		Model : GS-M
Applicable Liquid		Clean water
Liquid Temperature		0 ~ 40 °C (however there should be no freezing)
Main Pump	Casing	Cast Iron
	Impeller	Bronze (Closed)
	Shaft	SUS304
Motor	Speed	2900 rpm
	Protection	IP55, TEFC
Construction	Shaft Seal	Packing seal (Non asbestos)

PERFORMANCE CHART (GS-M)



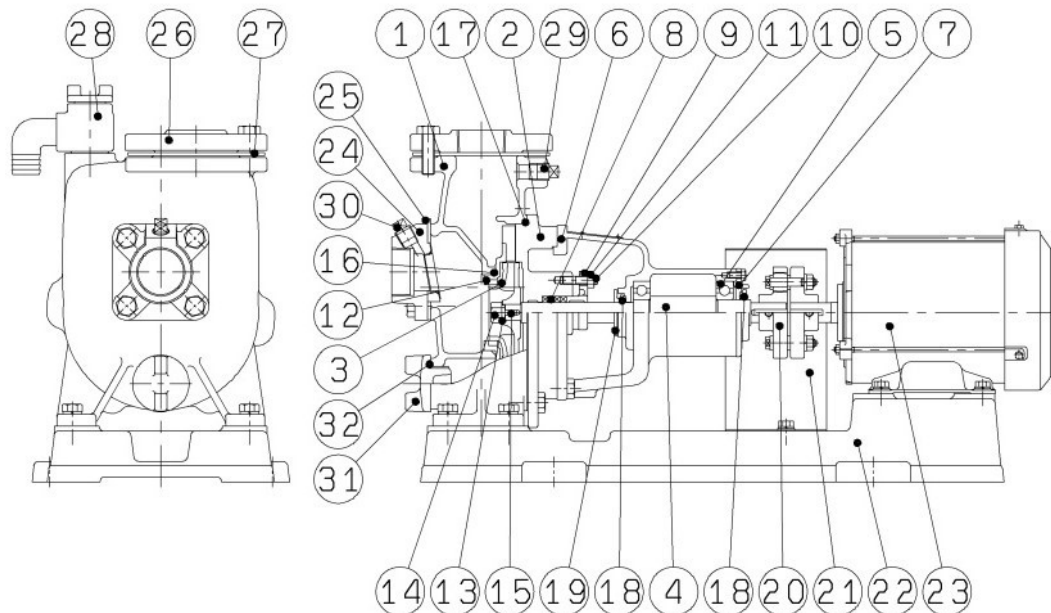
MODEL CODE



SPECIFICATION TABLE

No.	Bore (mm)	Model	Motor (kW)	Performance					
				Capacity (m ³ /min)	Total Head (m)	Capacity (m ³ /min)	Total Head (m)	Capacity (m ³ /min)	Total Head (m)
1	40	GS-405-MN0.4	0.4	0.1	11.5	0.14	10	0.2	6.8
2		GS405ME0.75	0.75	0.1	18	0.14	15.5	0.2	10.5
3		GS405ME1.5	1.5	0.1	28.5	0.14	26.5	0.2	22
4		GS405ME2.2	2.2	0.1	37	0.14	35	0.2	30.5
5	50	GS505ME0.75	0.75	0.16	12.5	0.22	11.8	0.32	8.8
6		GS505ME1.5	1.5	0.16	22.2	0.22	20.2	0.32	15.5
7		GS505ME2.2	2.2	0.16	31	0.22	28.5	0.32	23
8		GS505ME3.7	3.7	0.16	43	0.22	40	0.32	33.5
9	65	GS655ME1.5	1.5	0.25	13.8	0.36	12.5	0.5	10
10		GS655ME2.2	2.2	0.25	22	0.36	20	0.5	15.8
11		GS655ME3.7	3.7	0.25	33.5	0.36	31.5	0.5	26
12		GS655ME5.5	5.5	0.25	47	0.36	44.5	0.5	38.5
13	80	GS805ME3.7	3.7	0.4	22	0.56	21	0.8	17.5
14		GS805ME5.5	5.5	0.4	35.5	0.56	32	0.8	25
15	100	GS1005ME5.5	5.5	0.63	23.5	0.9	20.5	1.25	16
16		GS1005ME7.5	7.5	0.63	31	0.9	27	1.25	22

SECTION DRAWING

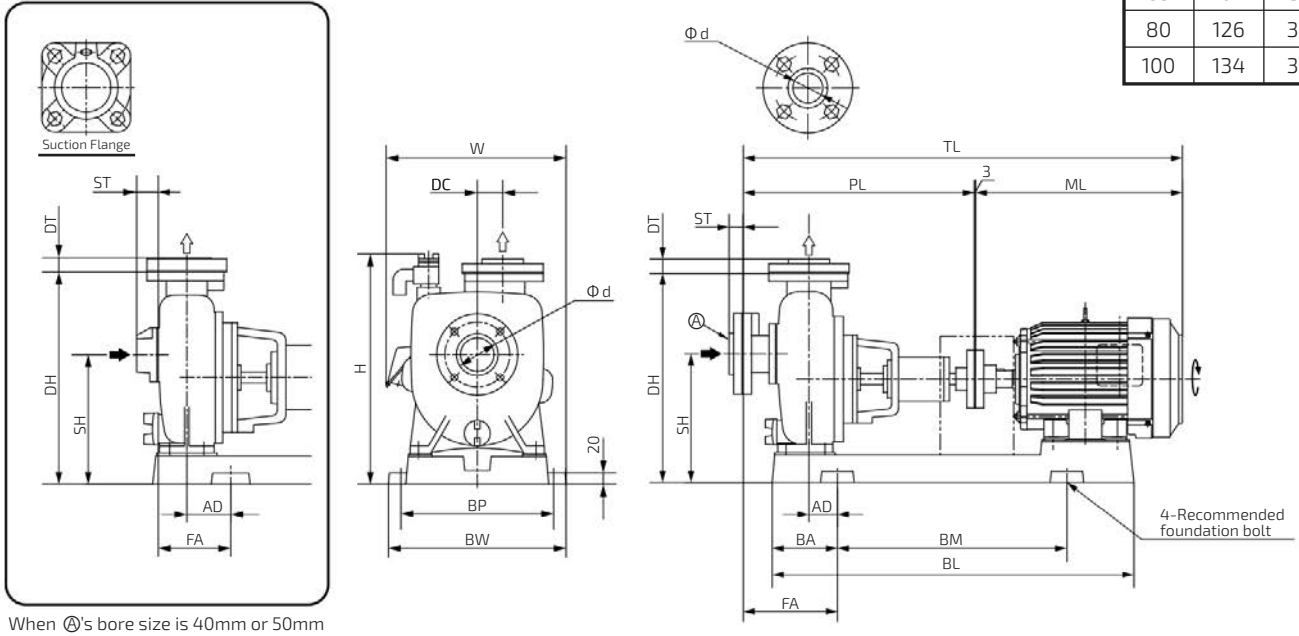


No.	Part name	Material	No.	Part name	Material
1	Casing	Cast iron	17	O-Ring	Rubber
2	Casing cover	Cast iron	18	Deflector	Rubber
3	Impeller	Cast iron	19	Deflector	Rubber
4	Shaft	SUS403	20	Coupling	Cast iron
5	Bearing	-	21	Coupling guard	SPCC
6	Bearing box	Cast iron	22	Base plate	Cast iron
7	Bearing cover	Cast iron	23	Motor	-
8	Gland packing	-	24	Flange	Cast iron
9	Packing gland	Bronze	25	Check valve	Rubber
10	Double end stud bolt	C3604	26	Flange	Cast iron
11	Nut	C3604	27	Flange packing	Rubber
12	Guide vane	Cast iron	28	Exhaust valve	-
13	Washer	C1201	29	Plug	SWCH10K
14	Nut	C3604	30	Plug	SWCH10K
15	Key	SUS403	31	Plug	Plastic
16	O-Ring	Rubber	32	Ring packing	Rubber

PUMP DIMENSION

Unit:mm

Bore d	ST	DT
40	38	25
50	38	27
65	104	31
80	126	33
100	134	39

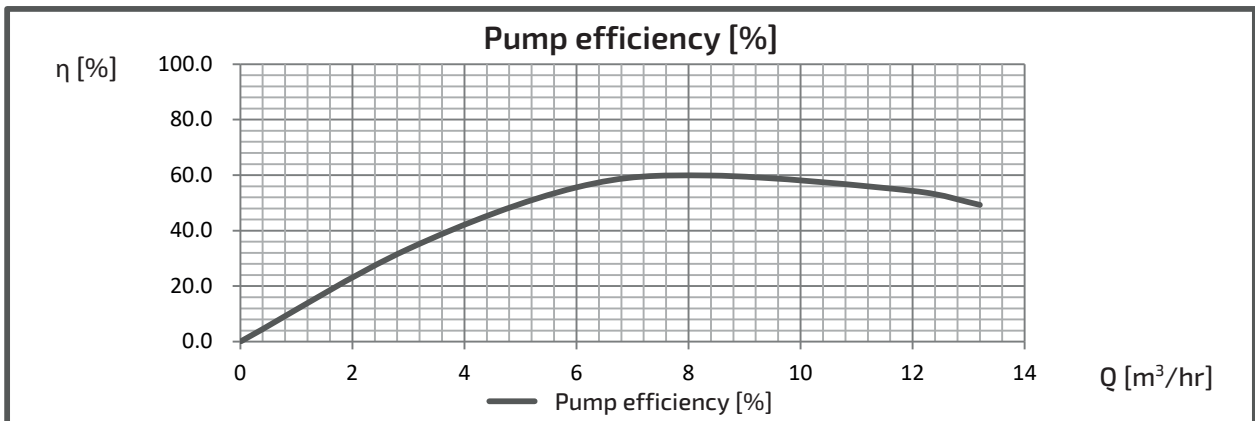
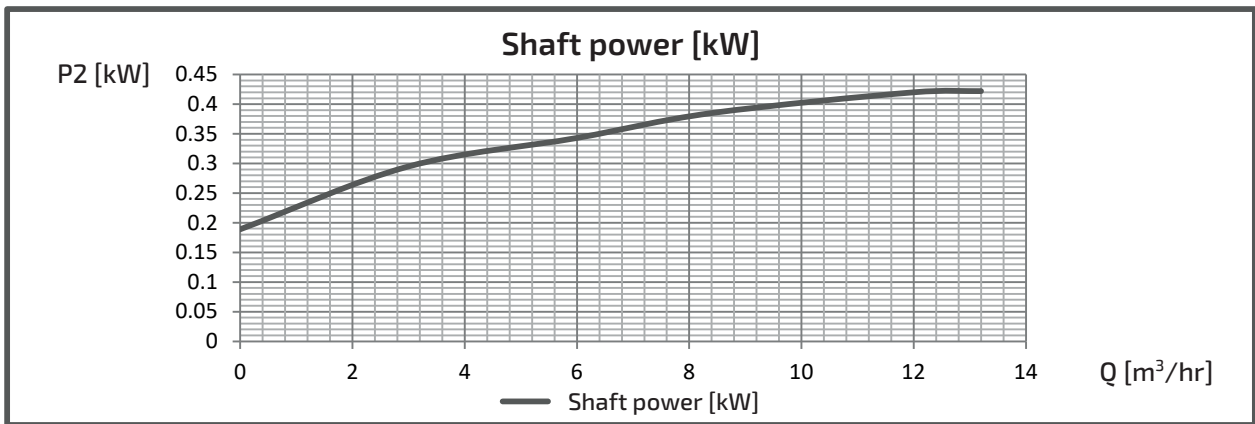
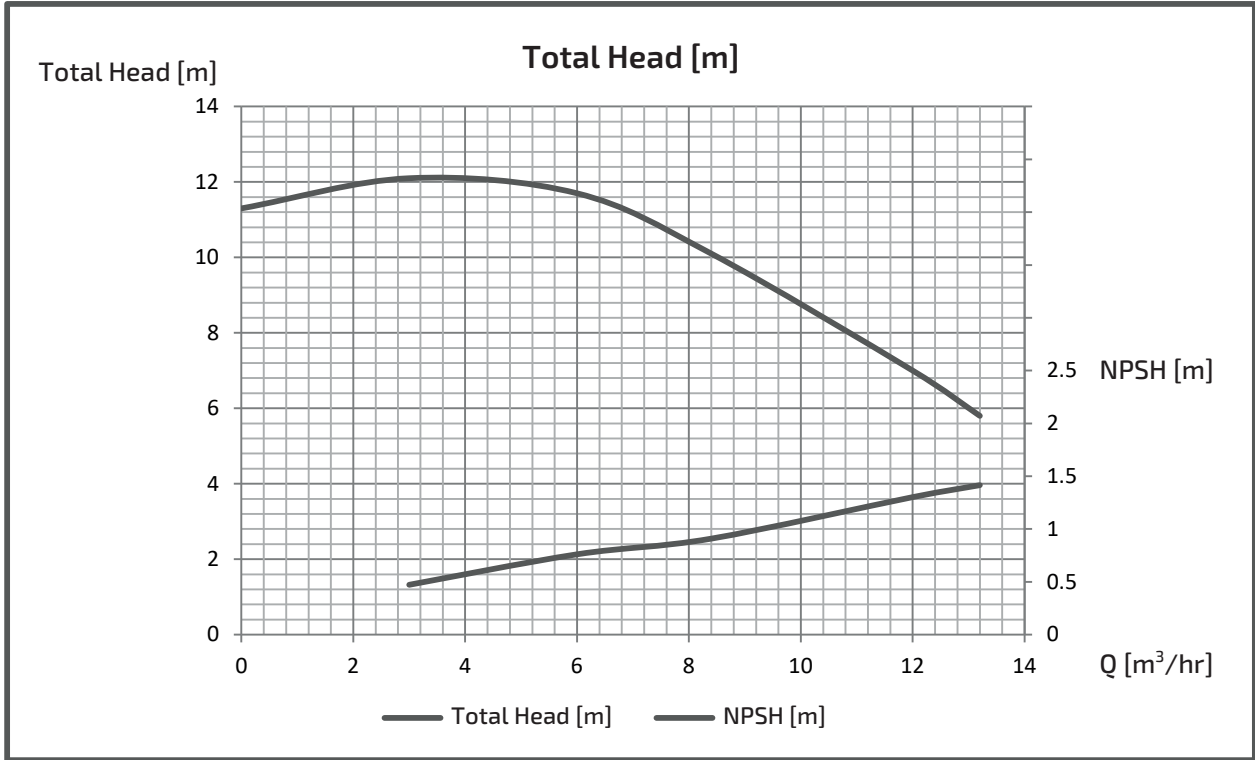


Bore (mm)	Model	Motor (kW)	Pump		Base					Combination							Foundation Bolt	Weight (kg)	
			DC	PL	BL	BA	BM	BP	BW	H	DH	SH	TL	AD	FA	W			ML
40	GS-405-MN0.4	0.4	35	390	558	127	320	220	254	401	322	207	631	62	117	273	238	M12x160	42
	GS405ME0.75	0.75	35	390	576	127	320	220	254	396	322	207	655	62	117	272	262		48
	GS405ME1.5	1.5	50	428	668	137	400	250	284	412	372	227	743	77	127	300	312		62
	GS405ME2.2	2.2	50	404	689	137	400	310	344	437	395	240	719	77	127	-	312		86
50	GS505ME0.75	0.75	40	405	576	127	320	220	254	396	322	212	670	67	132	272	262	M12x160	50
	GS505ME1.5	1.5	40	405	626	107	400	250	284	396	322	212	720	47	112	300	312		54
	GS505ME2.2	2.2	50	438	668	137	400	250	284	412	372	232	753	82	137	300	312		71
	GS505ME3.7	3.7	50	418	689	137	400	310	344	459	417	267	802	82	137	353	381		91
65	GS655ME1.5	1.5	52	489	698	167	400	250	284	434	392	242	804	87	230	300	312	M16x200	77
	GS655ME2.2	2.2	52	489	698	167	400	250	284	434	392	242	804	87	230	300	312		81
	GS655ME3.7	3.7	55	503	750	172	400	310	354	497	455	280	887	92	235	358	381		115
	GS655ME5.5	5.5	55	503	788	142	500	340	384	497	455	280	957	62	205	389	451		131
80	GS805ME3.7	3.7	50	528	736	167	400	280	314	449	412	247	912	97	265	338	381	M16x200	96
	GS805ME5.5	5.5	50	588	862	177	500	340	384	512	475	285	1042	82	250	389	451		147
100	GS1005ME5.5	5.5	60	610	862	177	500	340	384	512	475	285	1064	87	272	389	451	M16x200	155
	GS1005ME7.5	7.5	60	610	862	177	500	340	384	512	475	295	1064	87	272	389	451		162

EXPECTED PERFORMANCE CURVE

MODEL : GS-405-MN0.4

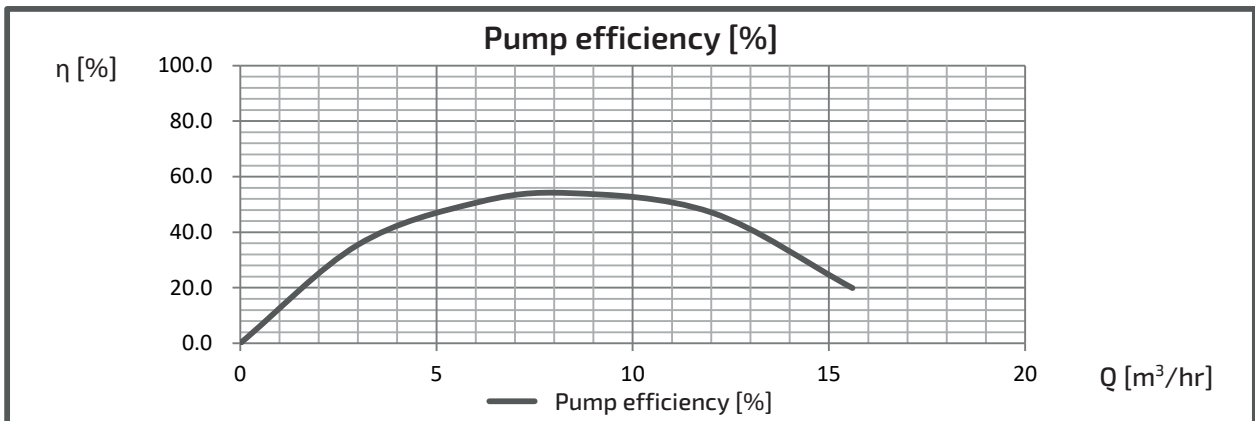
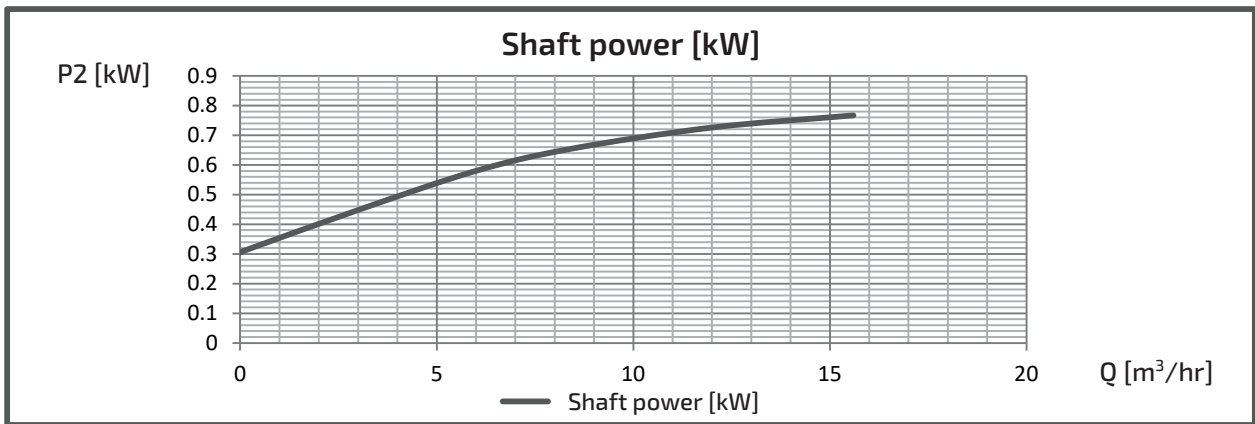
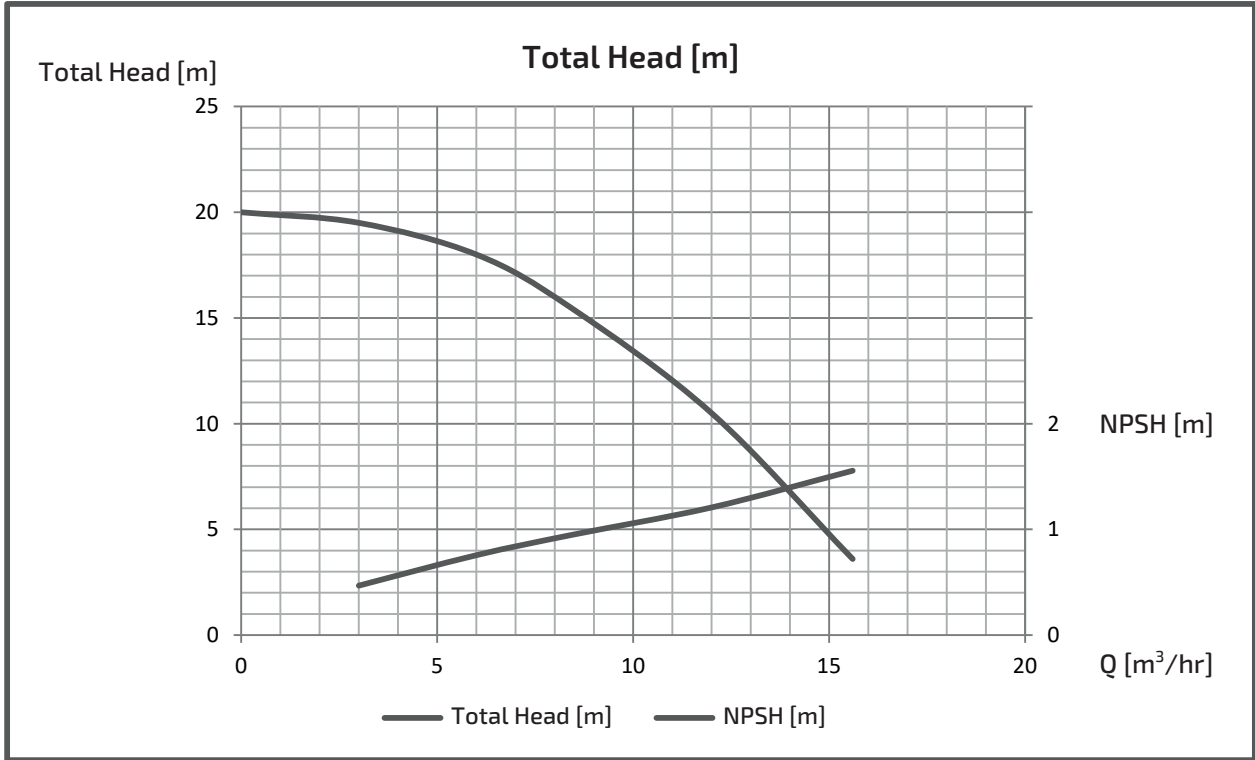
■ PERFORMANCE CURVES



EXPECTED PERFORMANCE CURVE

MODEL : GS405ME0.75

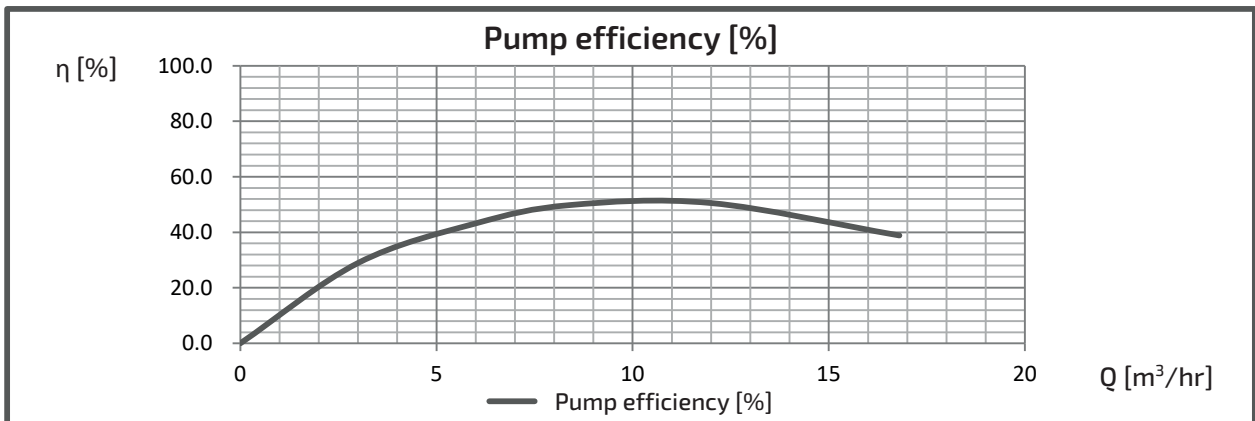
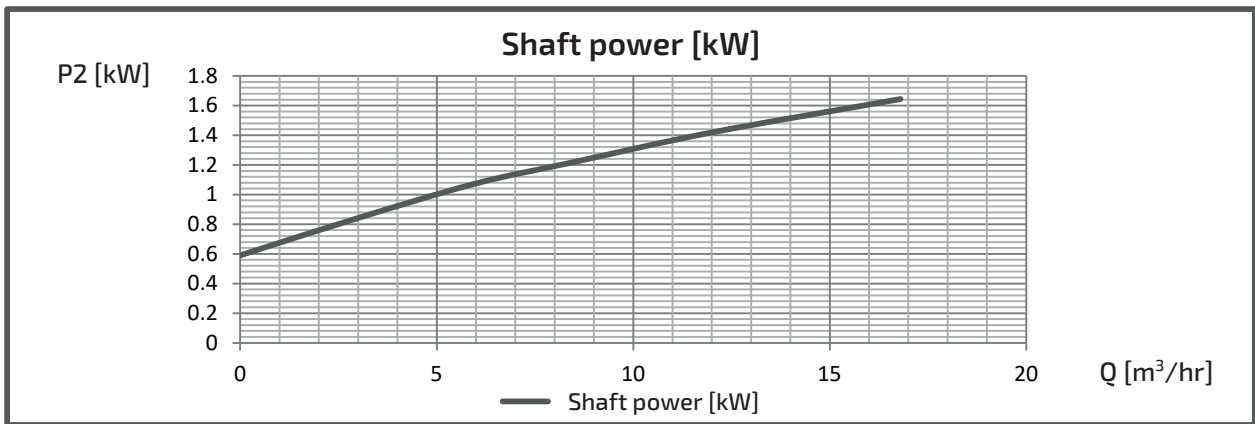
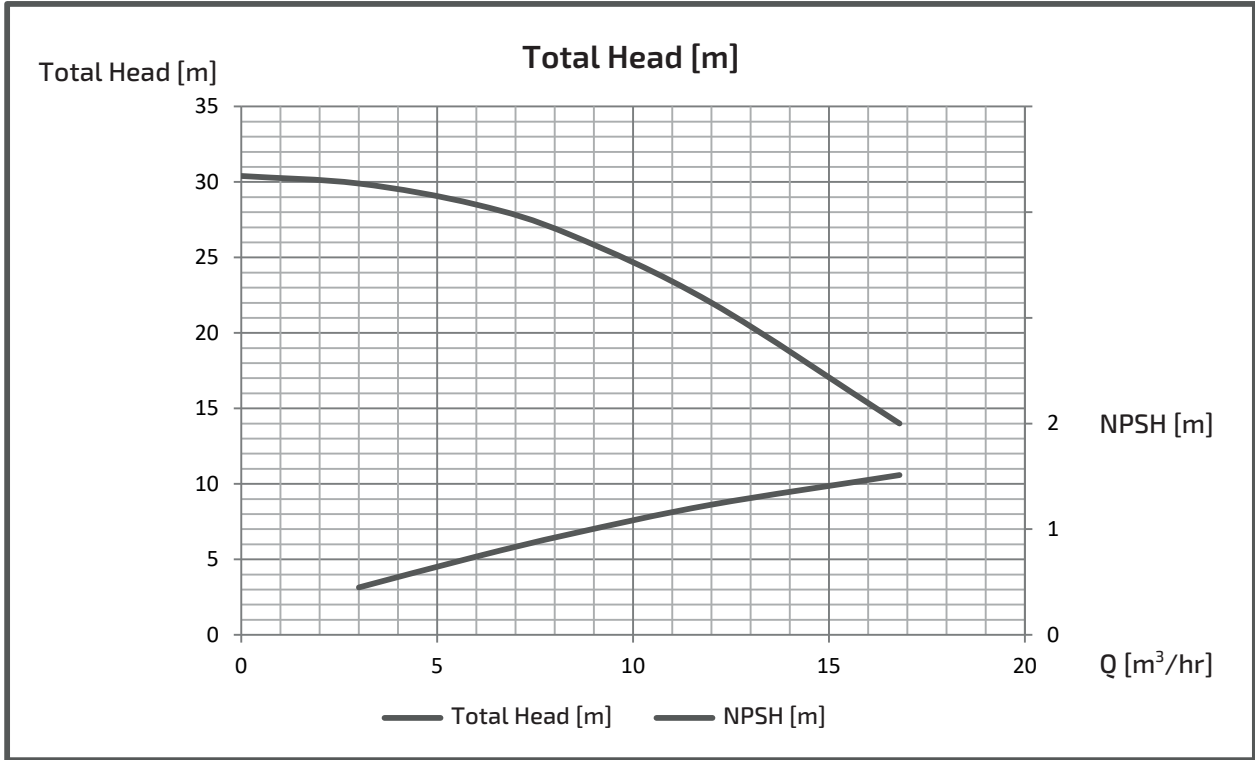
■ PERFORMANCE CURVES



EXPECTED PERFORMANCE CURVE

MODEL : GS405ME1.5

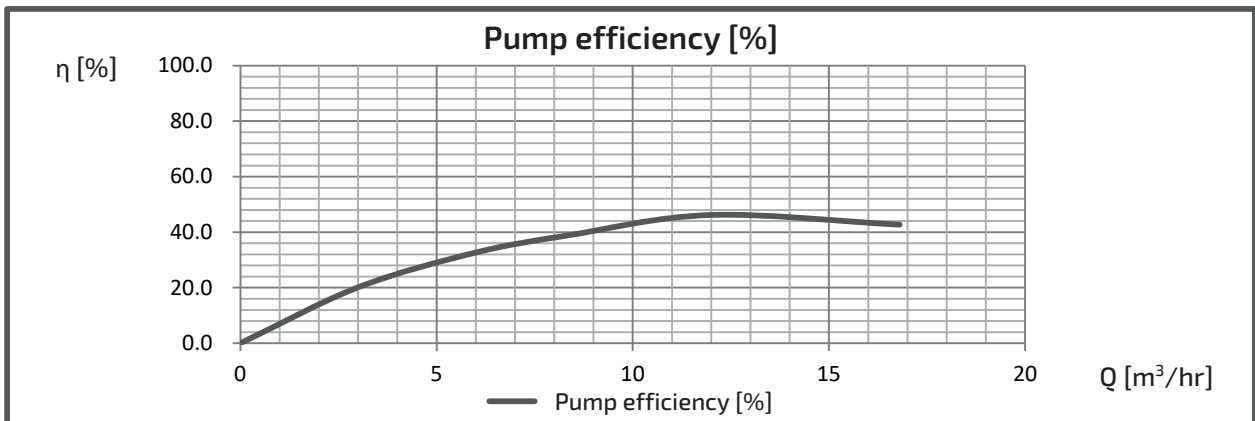
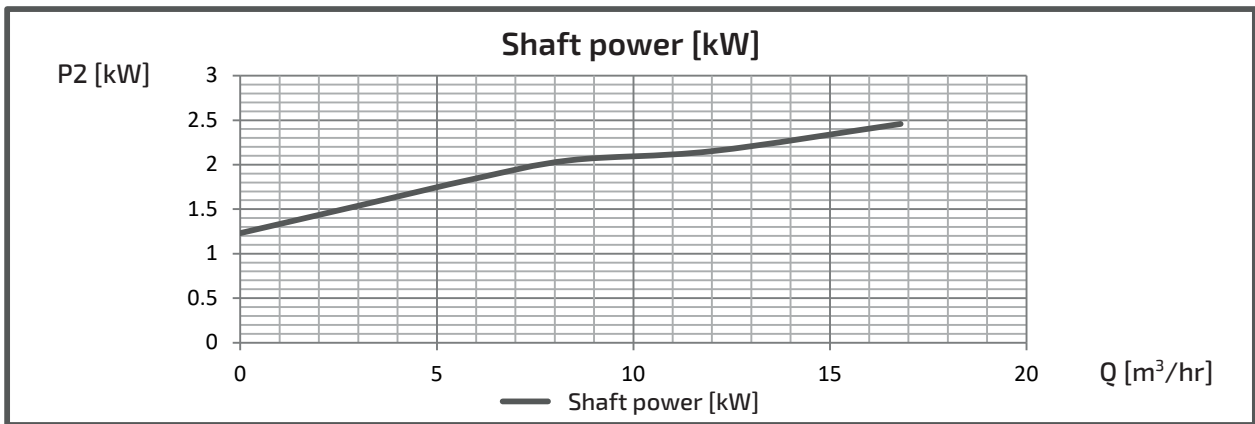
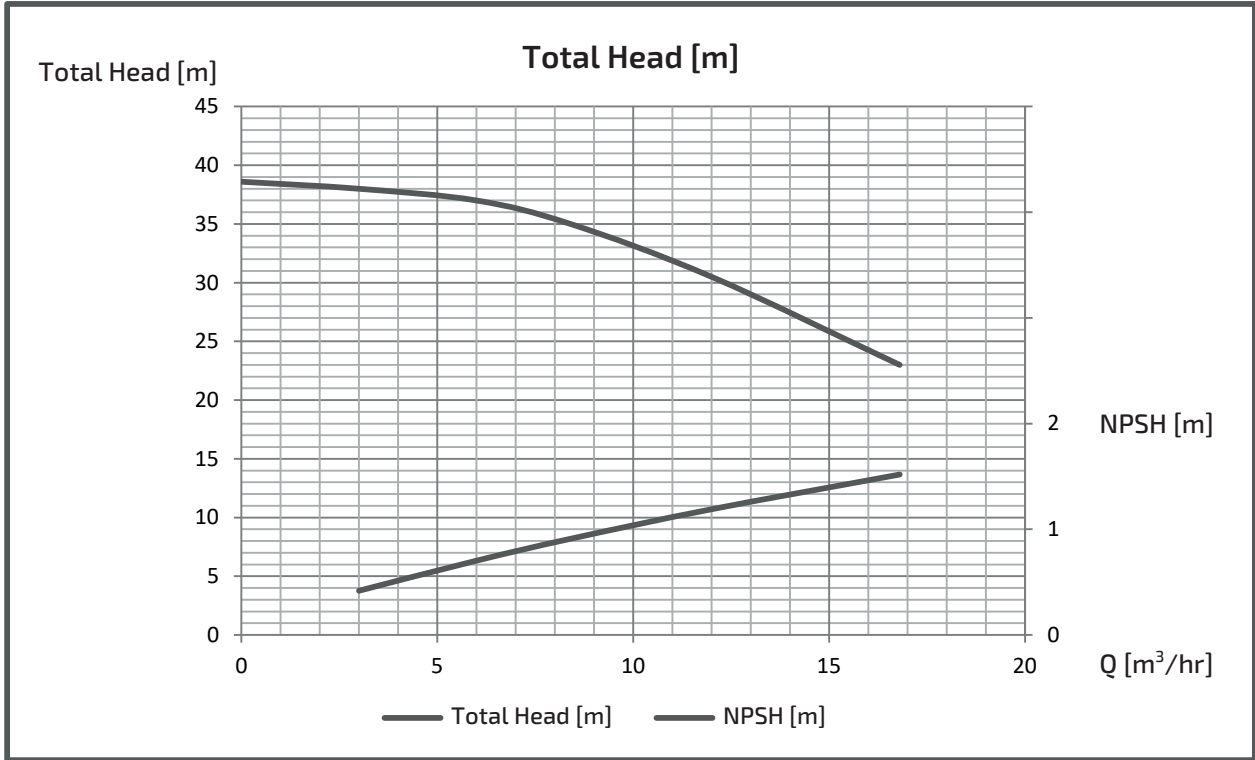
■ PERFORMANCE CURVES



EXPECTED PERFORMANCE CURVE

MODEL : GS405ME2.2

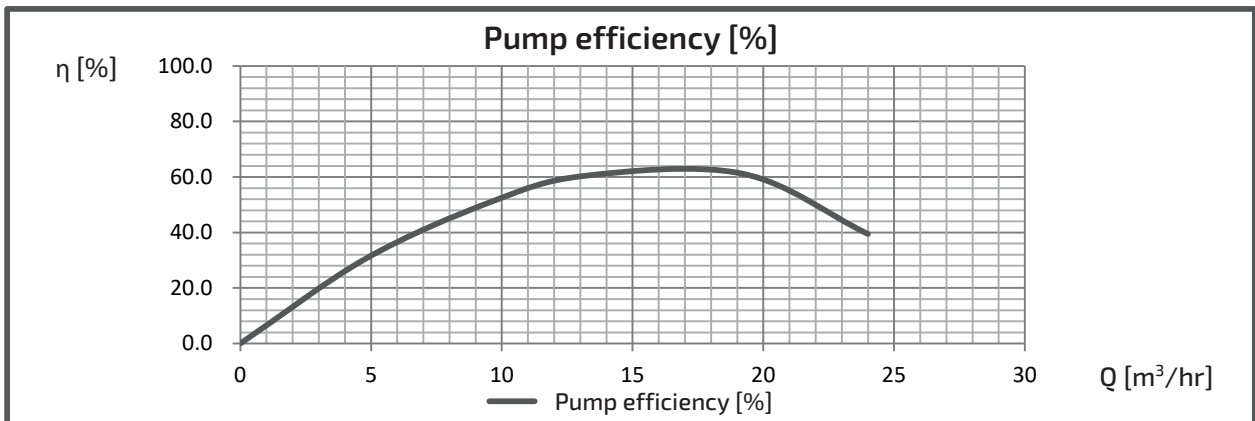
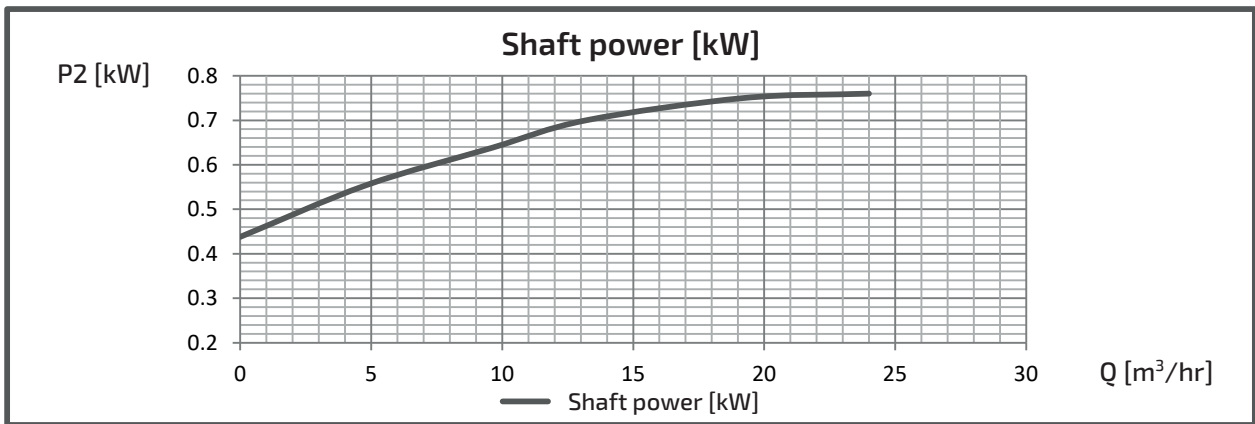
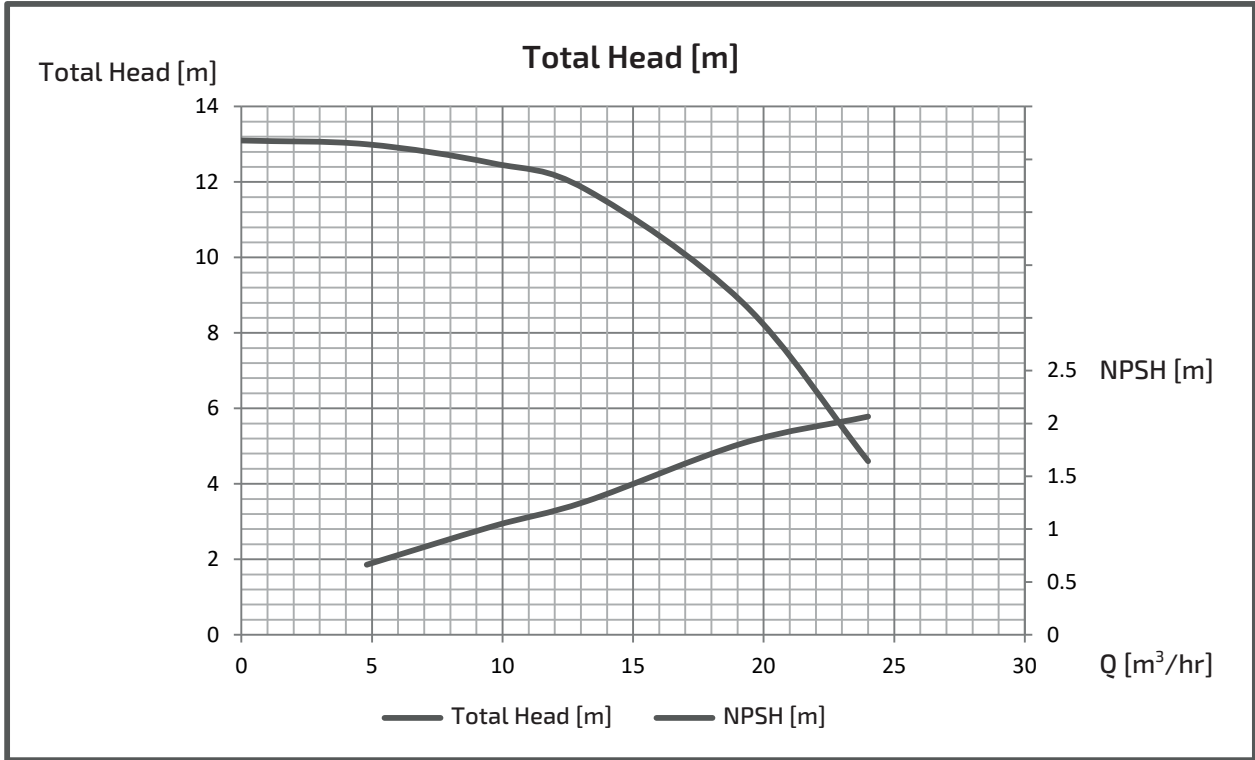
■ PERFORMANCE CURVES



EXPECTED PERFORMANCE CURVE

MODEL : GS505ME0.75

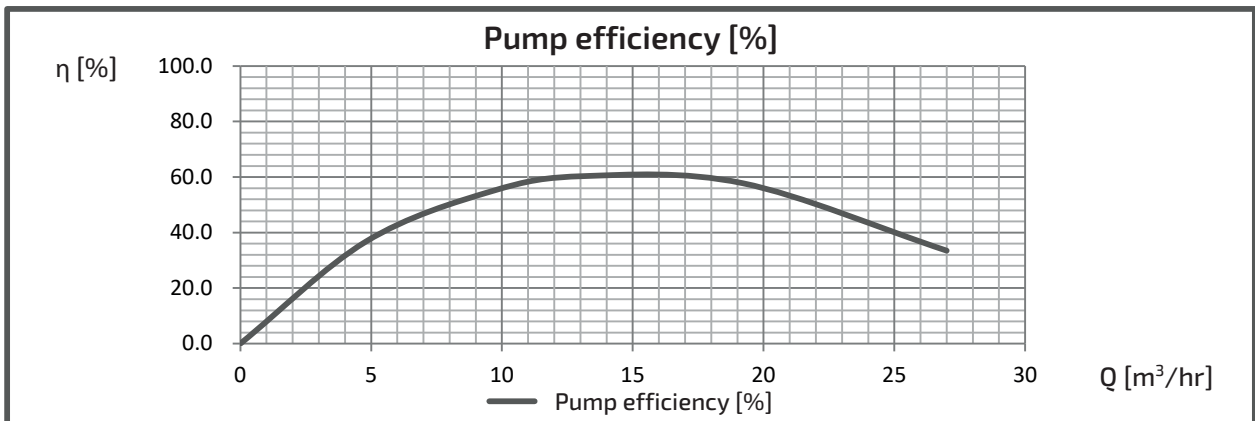
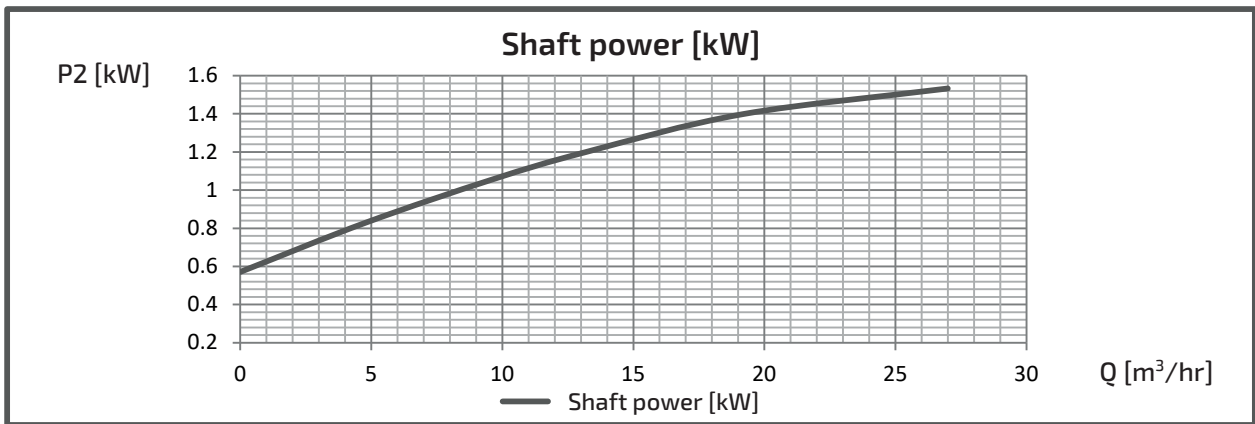
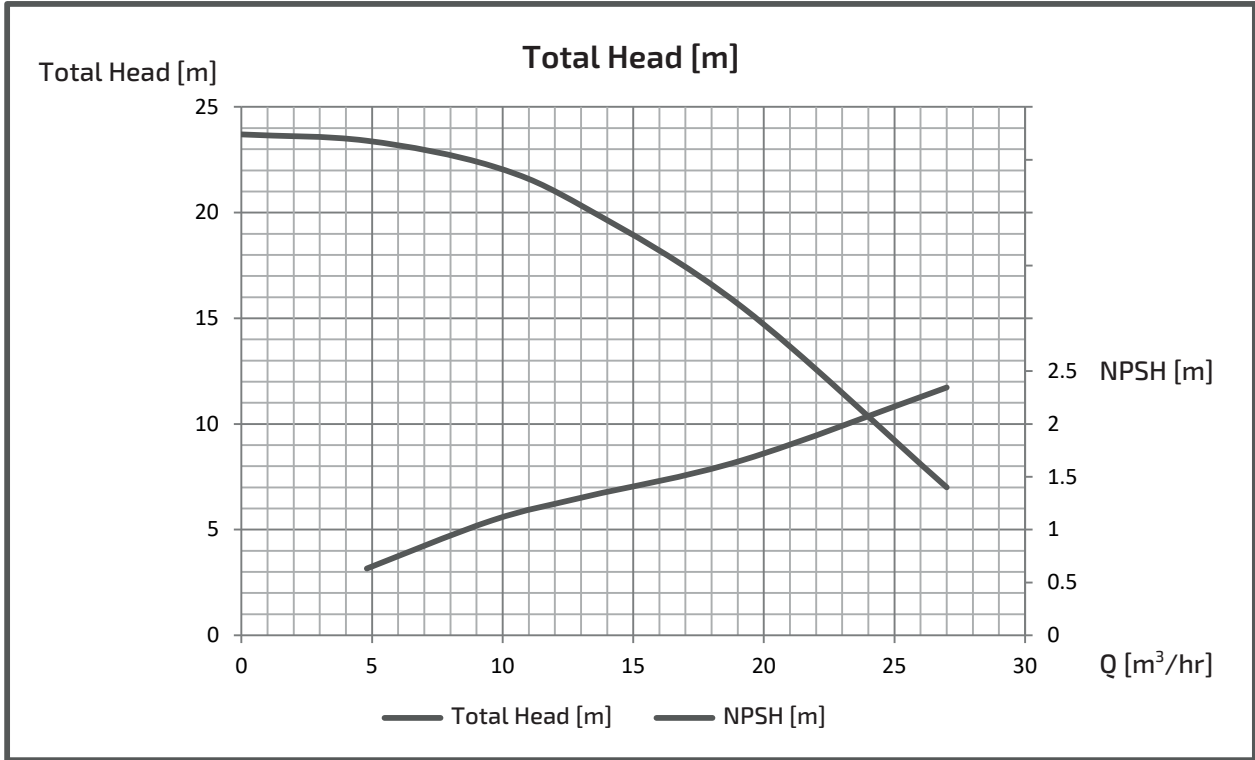
■ PERFORMANCE CURVES



EXPECTED PERFORMANCE CURVE

MODEL : GS505ME1.5

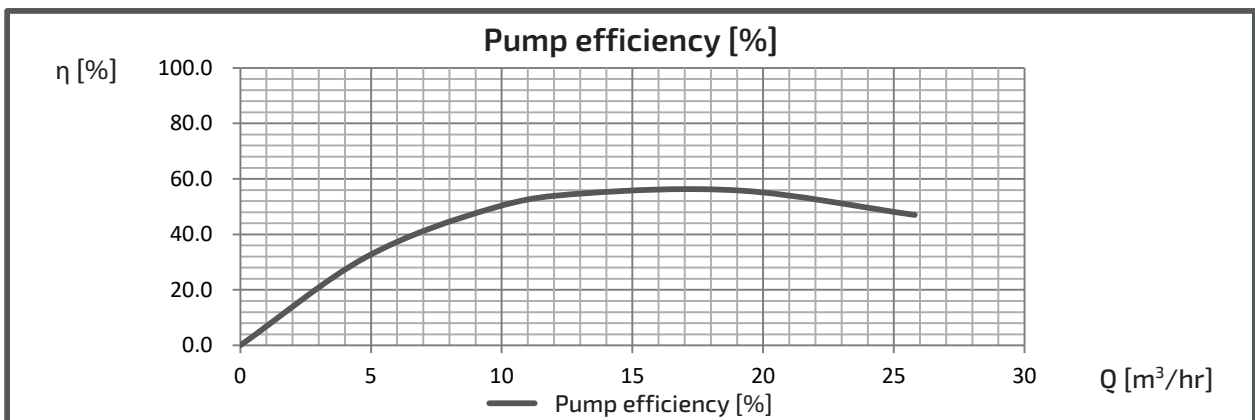
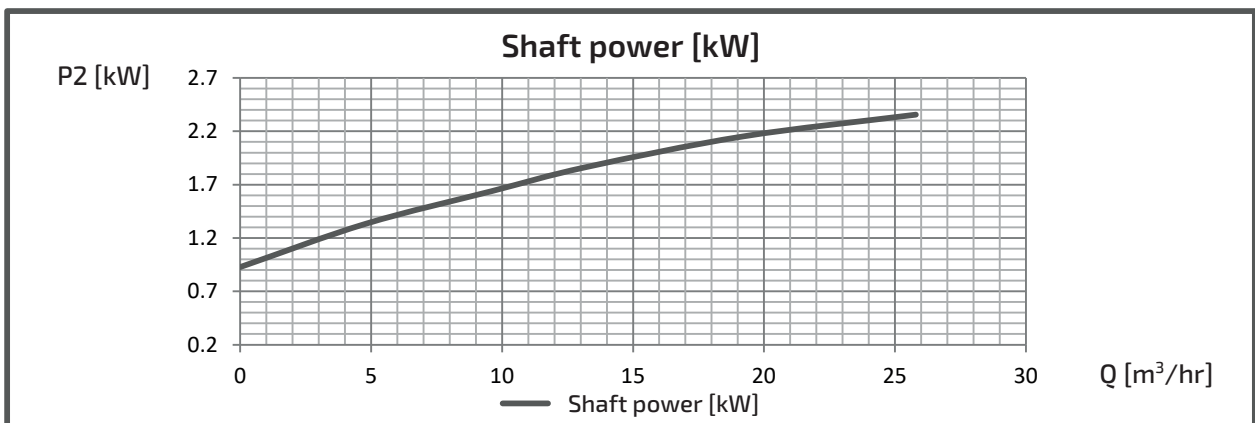
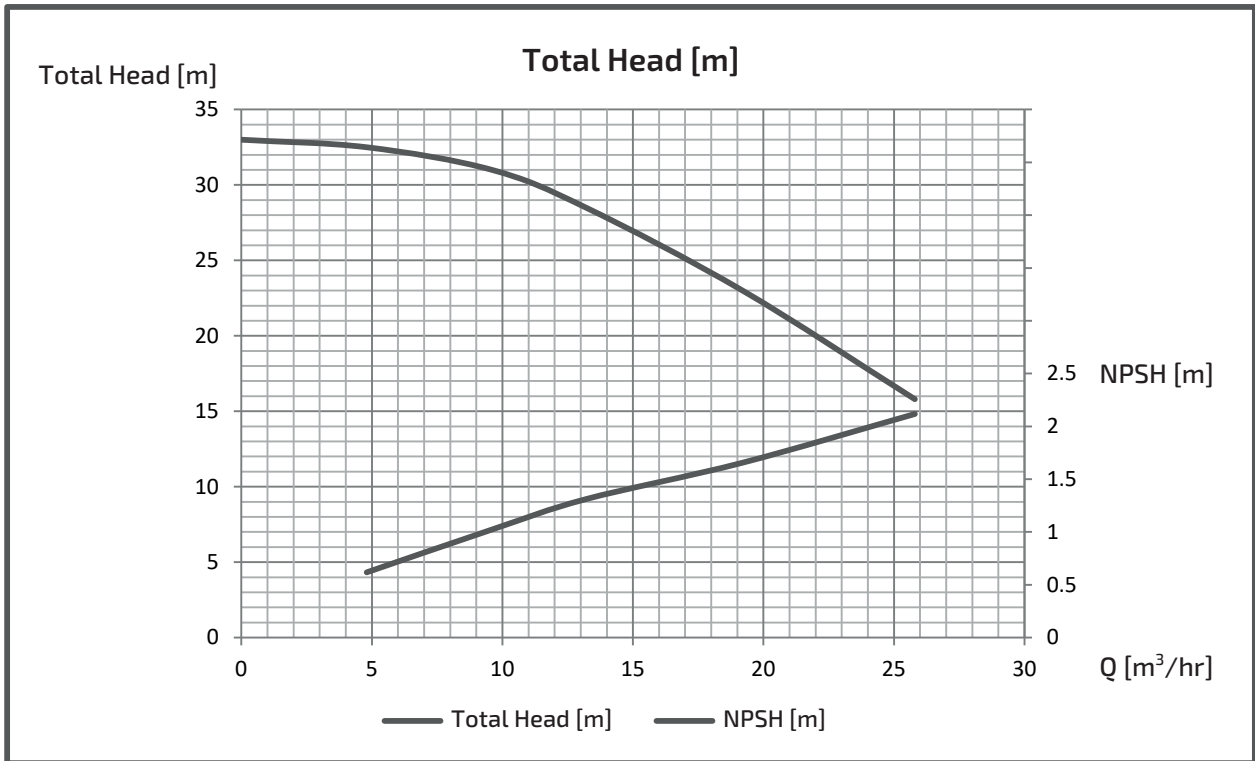
■ PERFORMANCE CURVES



EXPECTED PERFORMANCE CURVE

MODEL : GS505ME2.2

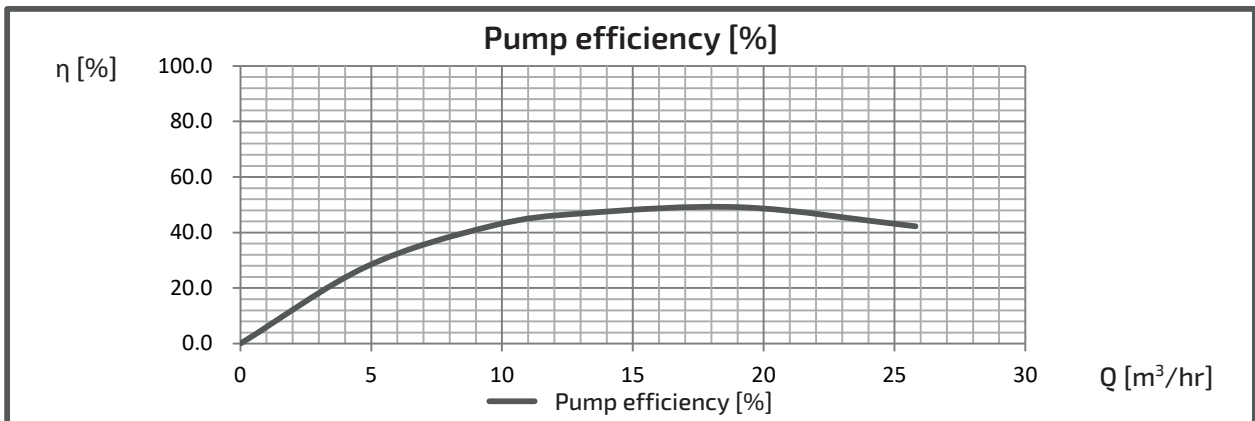
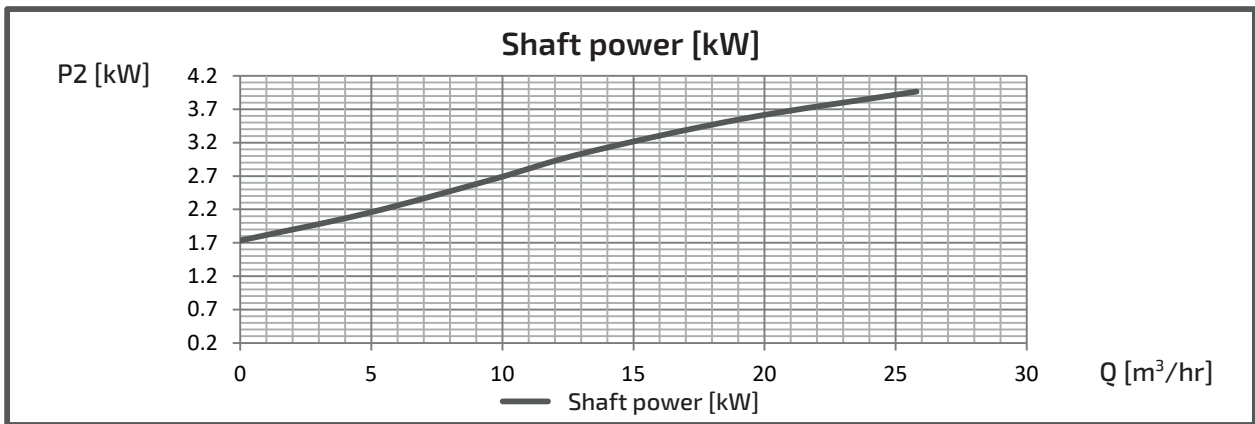
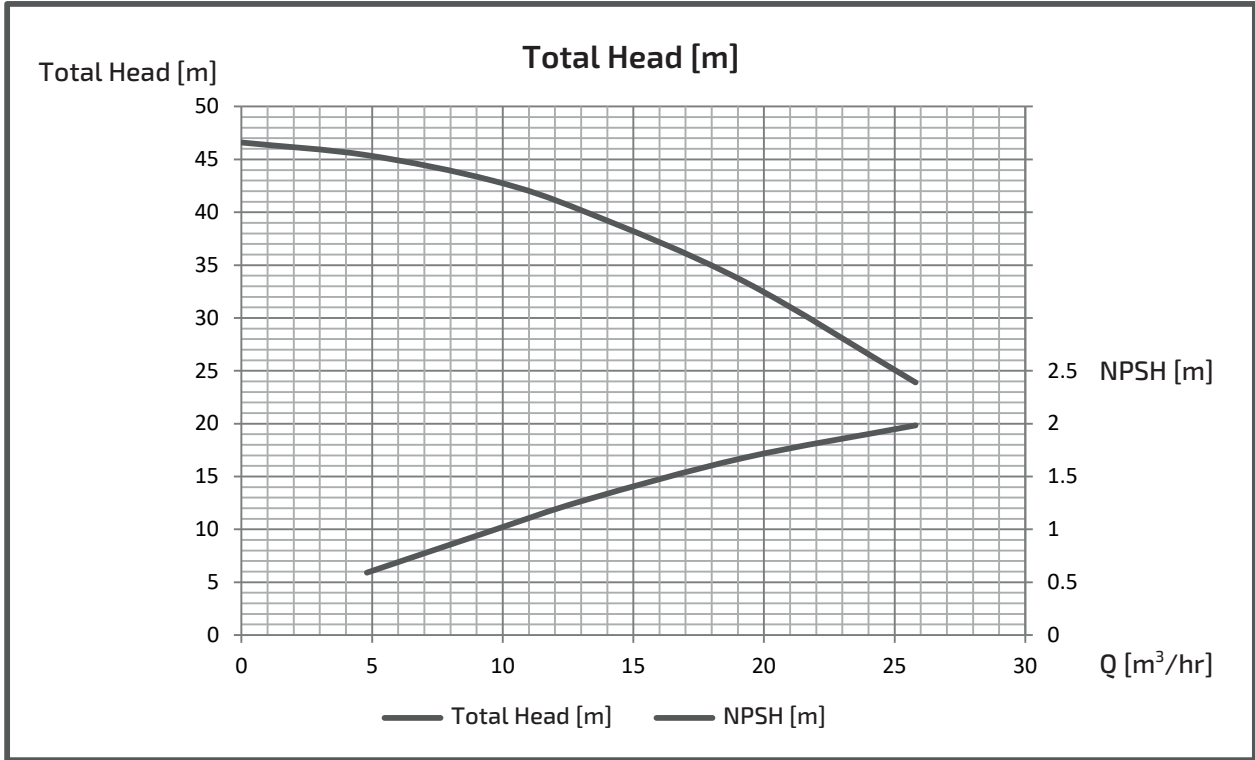
■ PERFORMANCE CURVES



EXPECTED PERFORMANCE CURVE

MODEL : GS505ME3.7

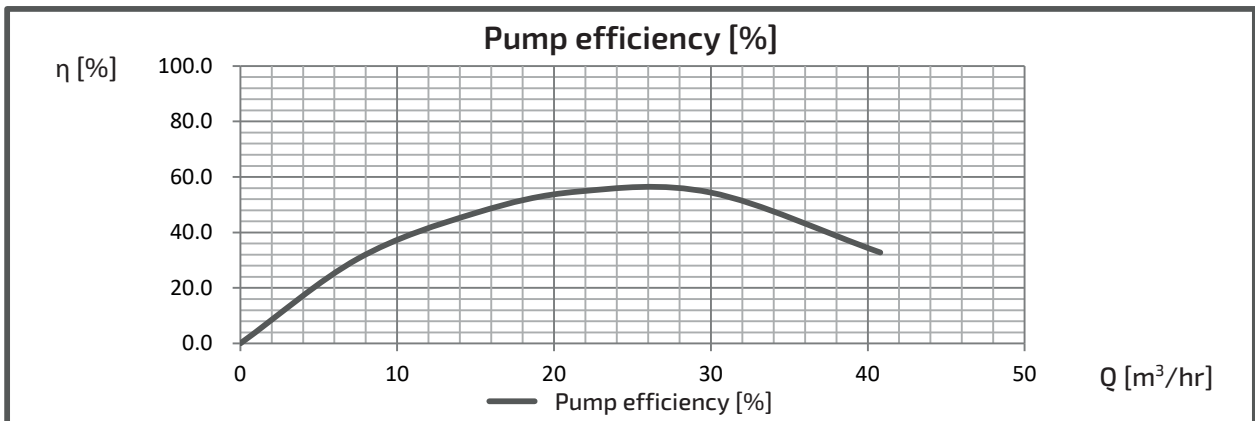
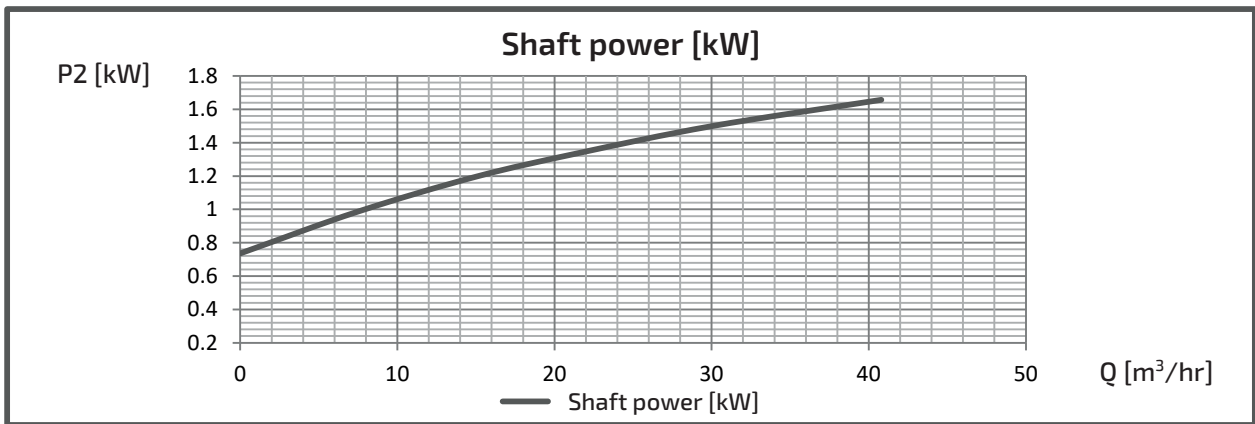
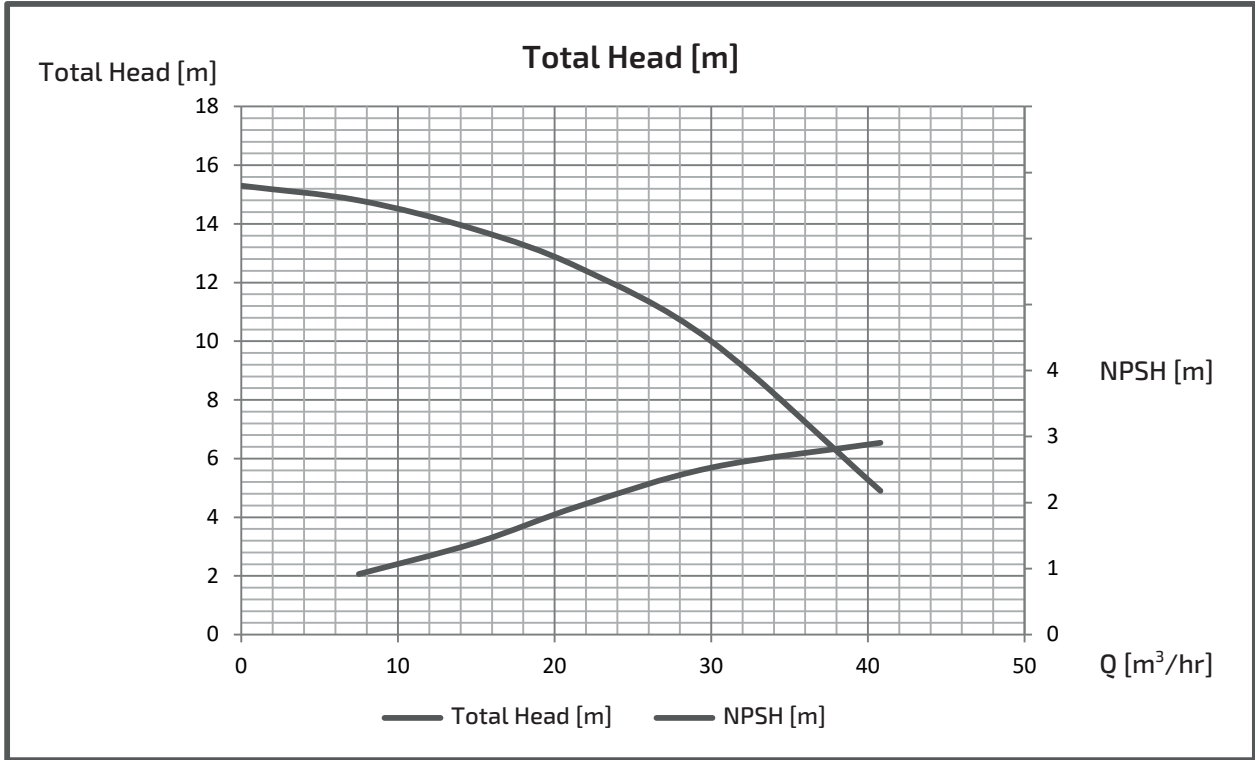
■ PERFORMANCE CURVES



EXPECTED PERFORMANCE CURVE

MODEL : GS655ME1.5

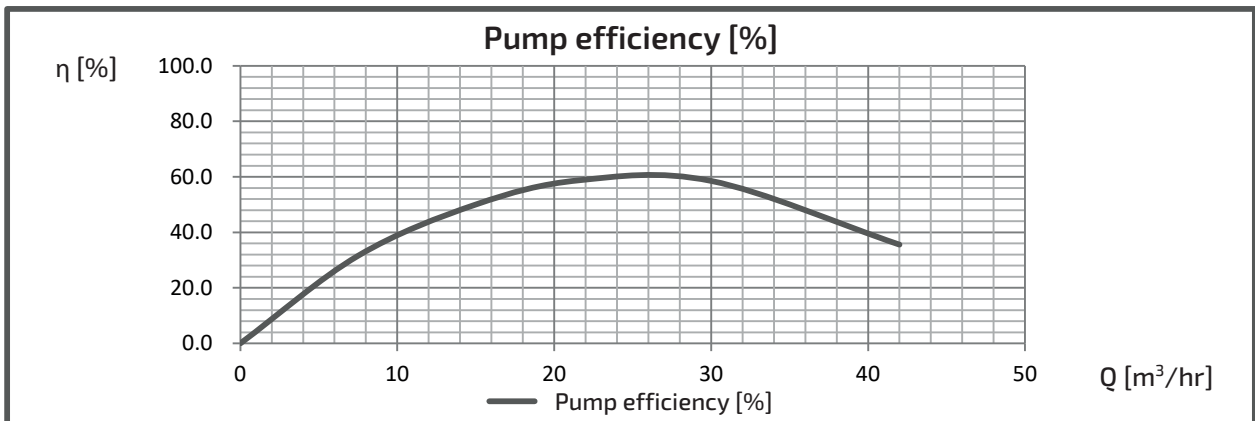
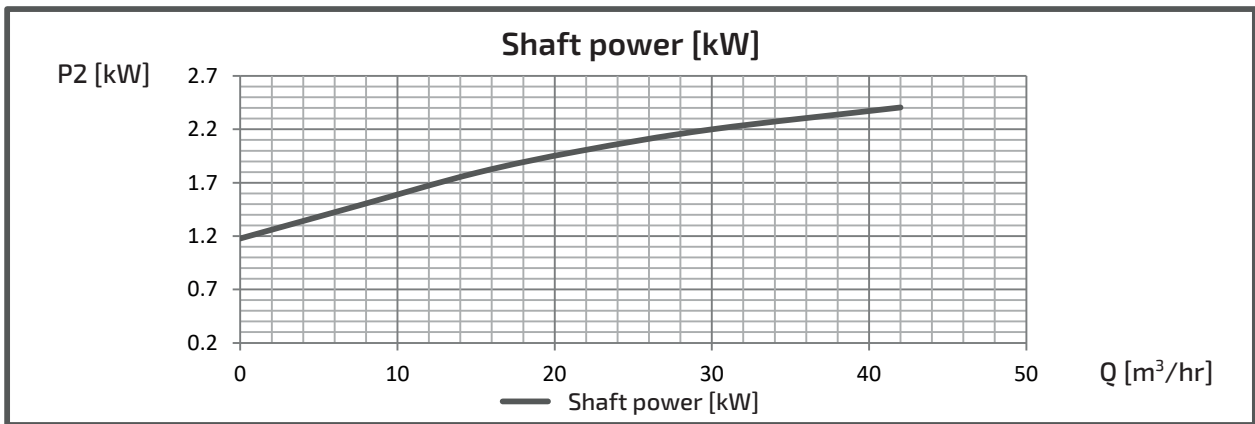
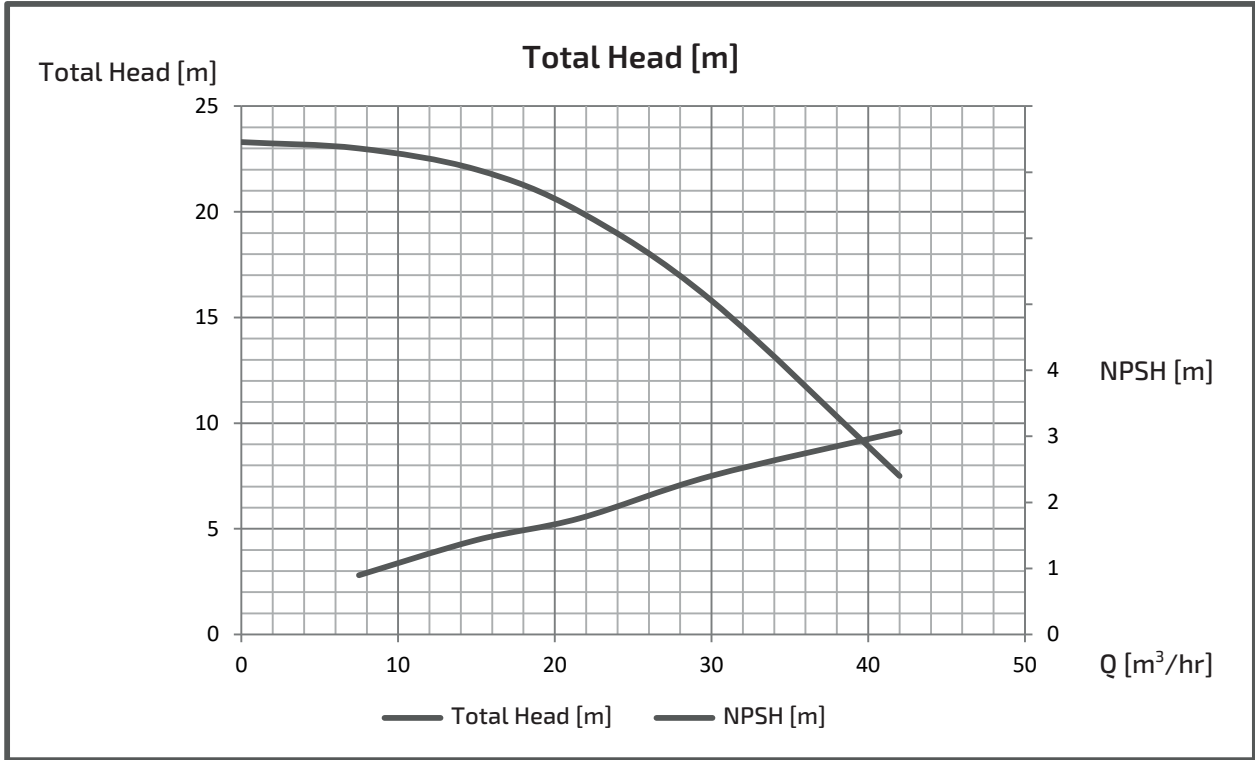
■ PERFORMANCE CURVES



EXPECTED PERFORMANCE CURVE

MODEL : GS655ME2.2

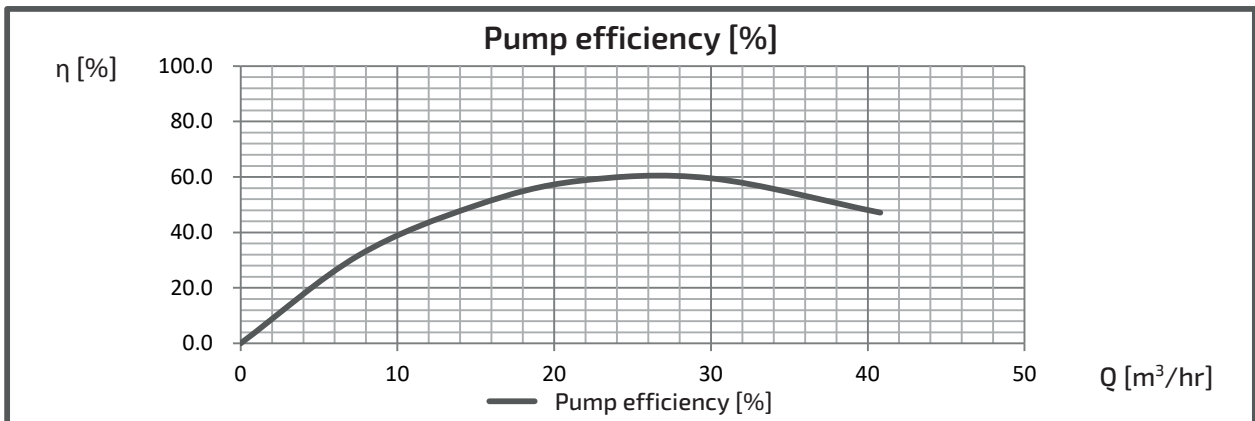
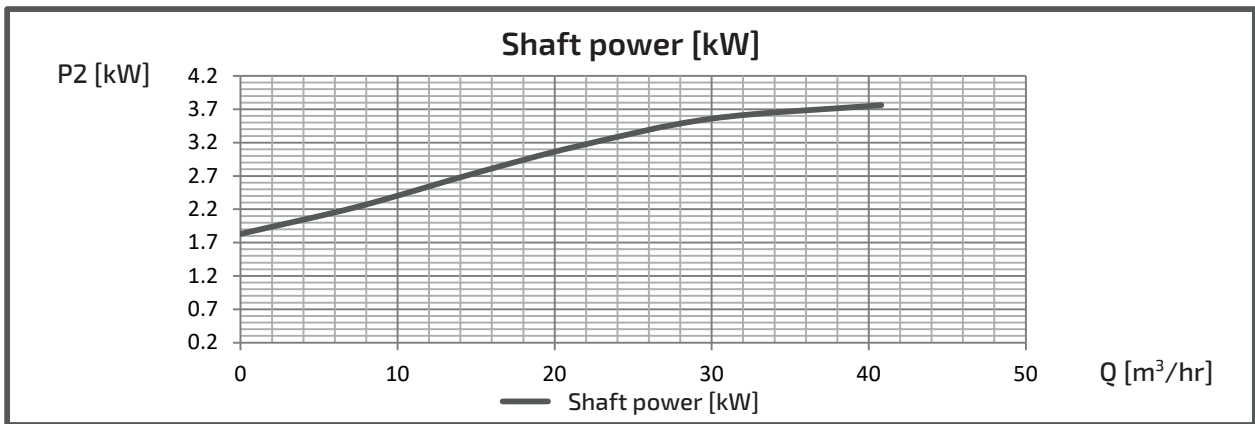
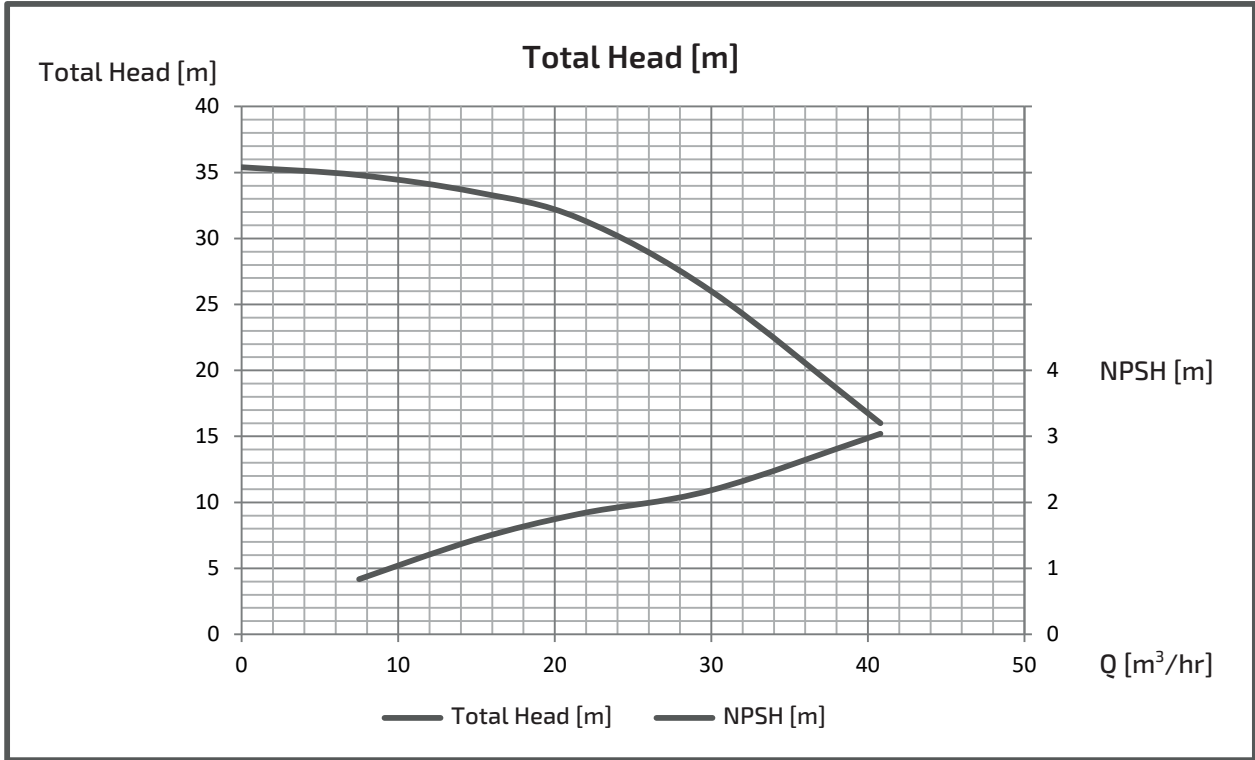
■ PERFORMANCE CURVES



EXPECTED PERFORMANCE CURVE

MODEL : GS655ME3.7

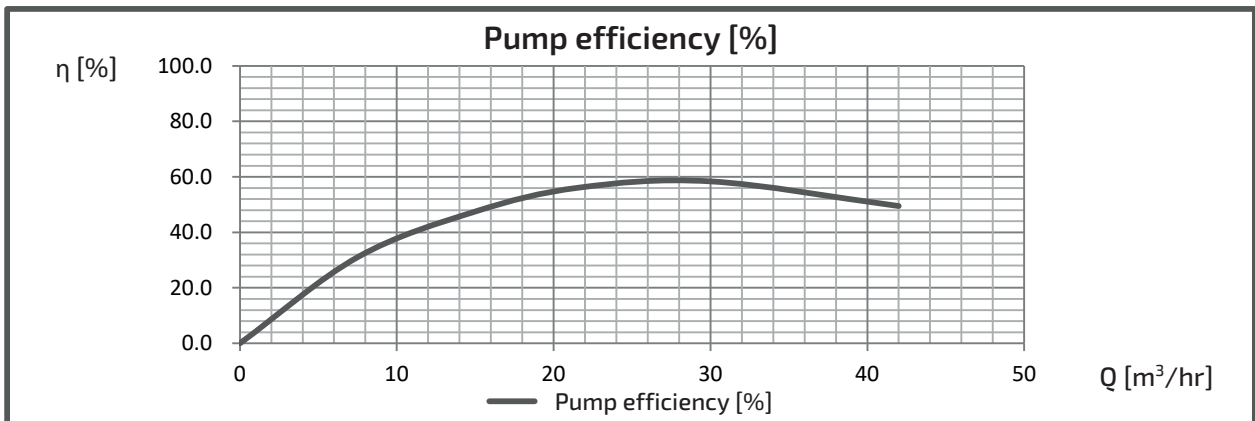
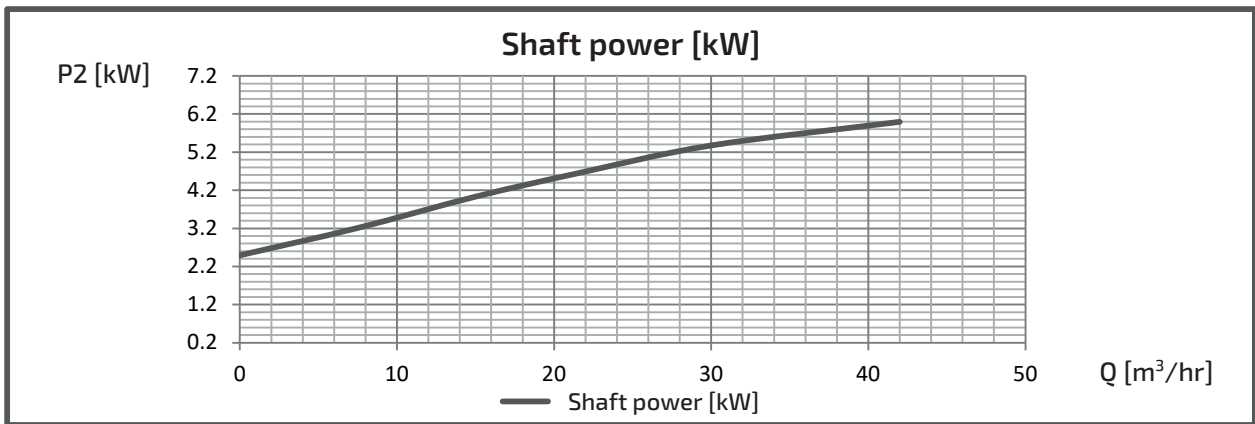
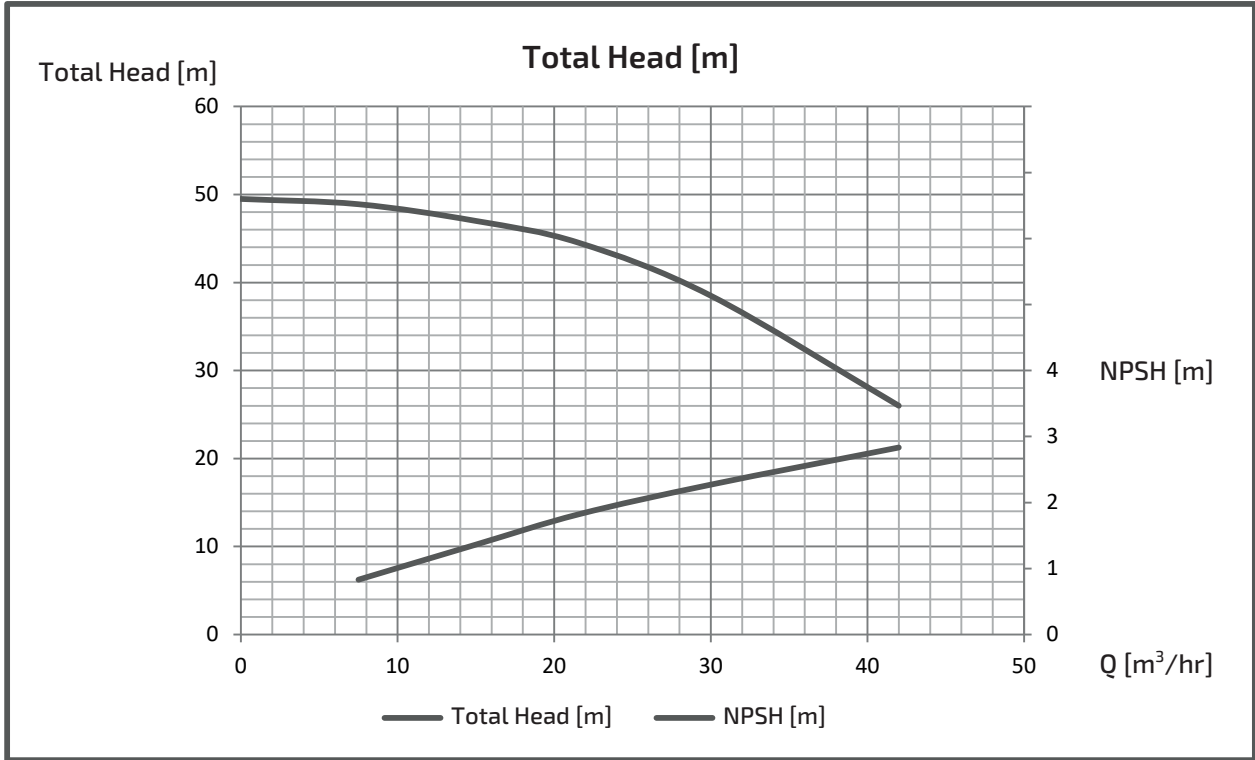
■ PERFORMANCE CURVES



EXPECTED PERFORMANCE CURVE

MODEL : GS655ME5.5

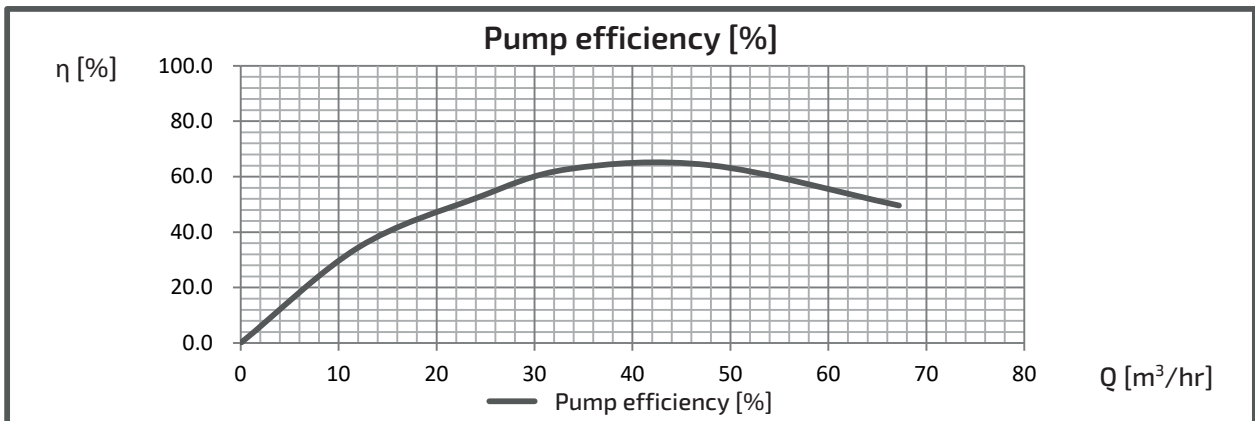
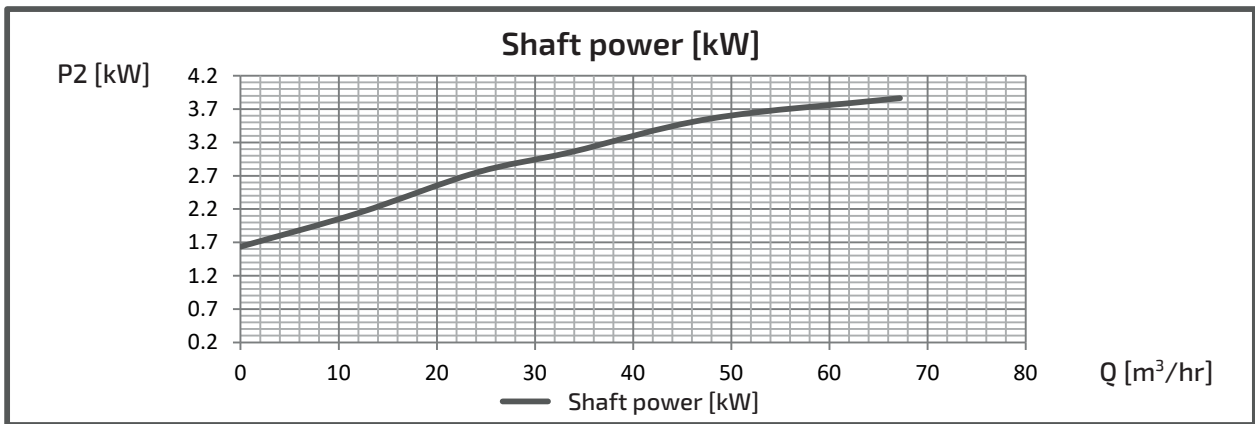
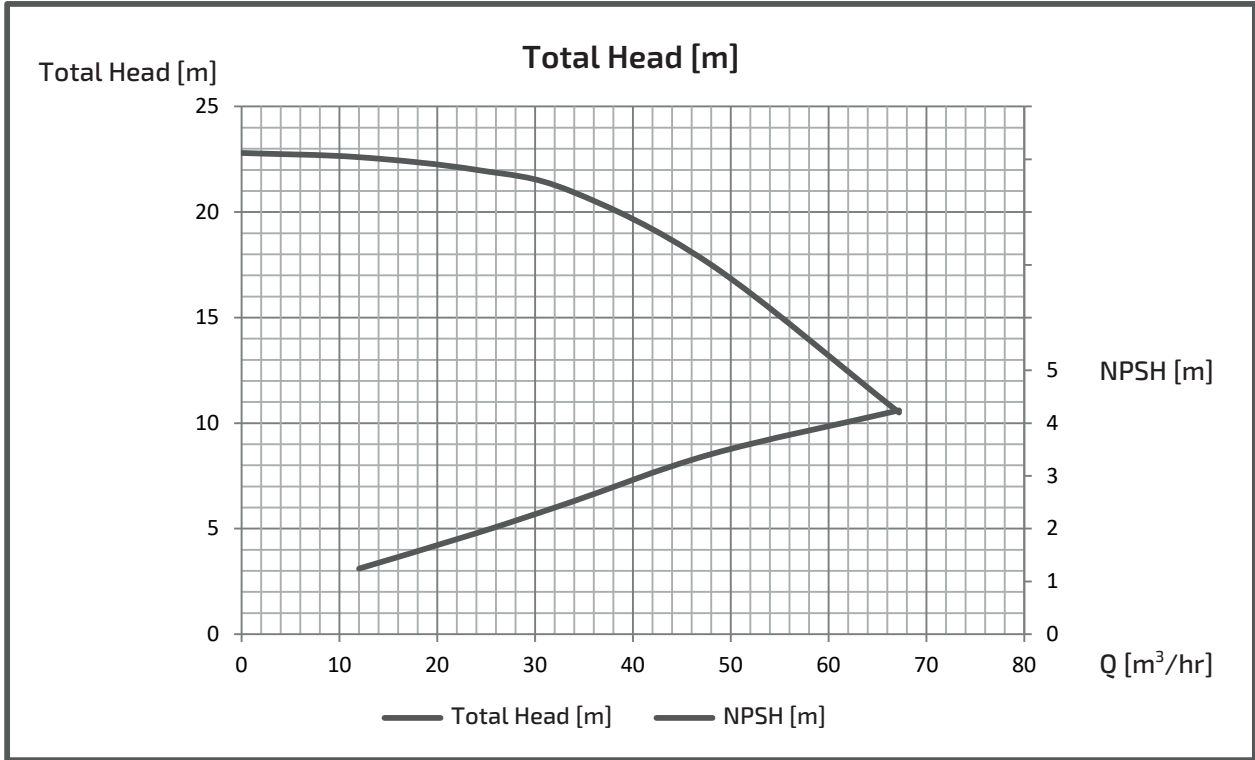
■ PERFORMANCE CURVES



EXPECTED PERFORMANCE CURVE

MODEL : GS805ME3.7

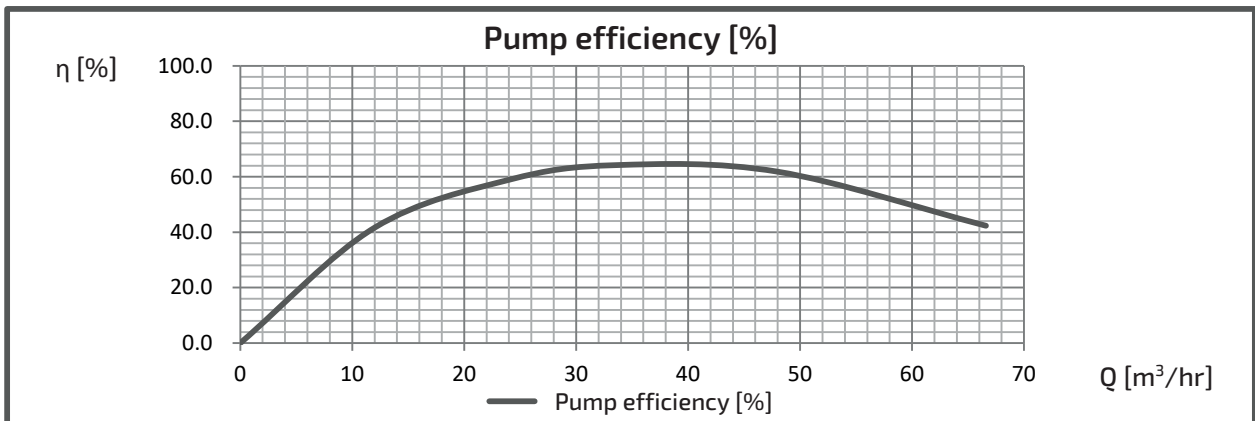
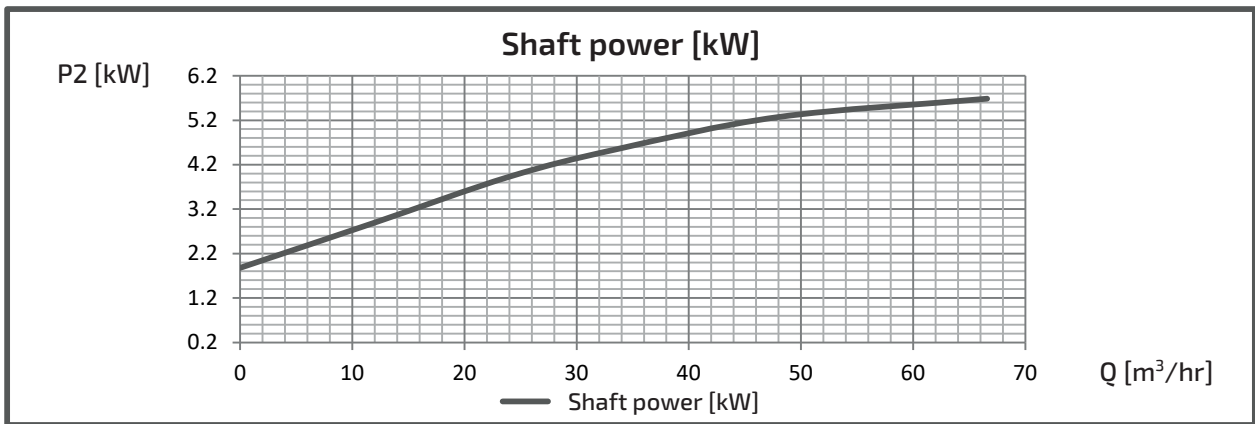
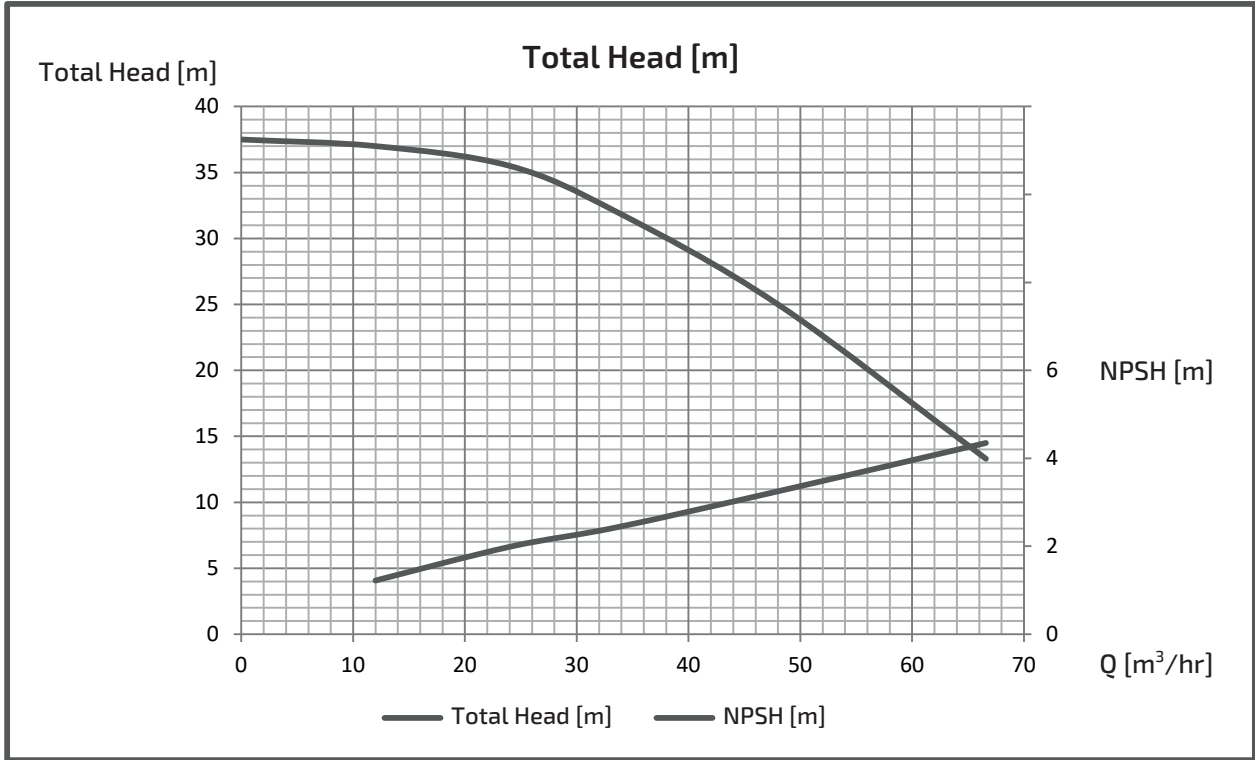
■ PERFORMANCE CURVES



EXPECTED PERFORMANCE CURVE

MODEL : GS805ME5.5

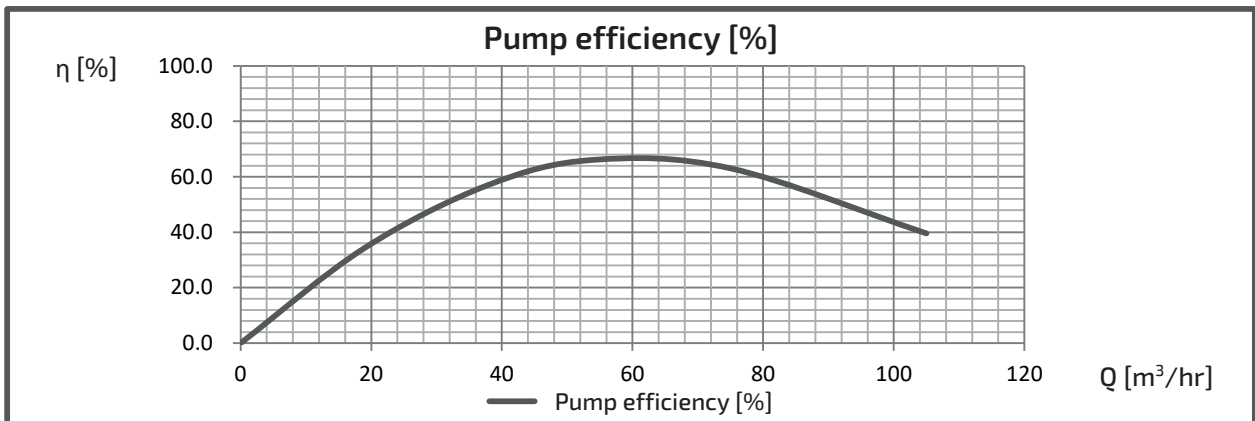
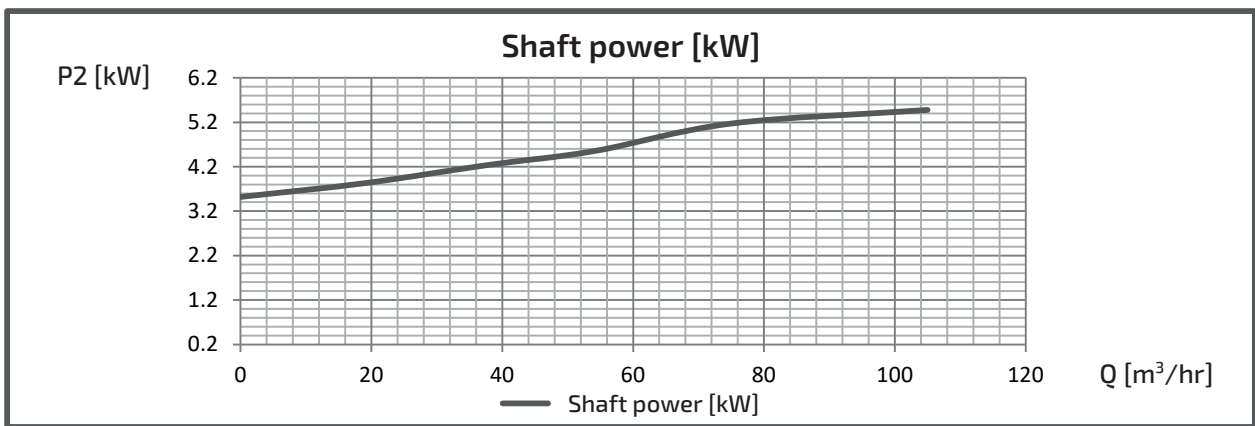
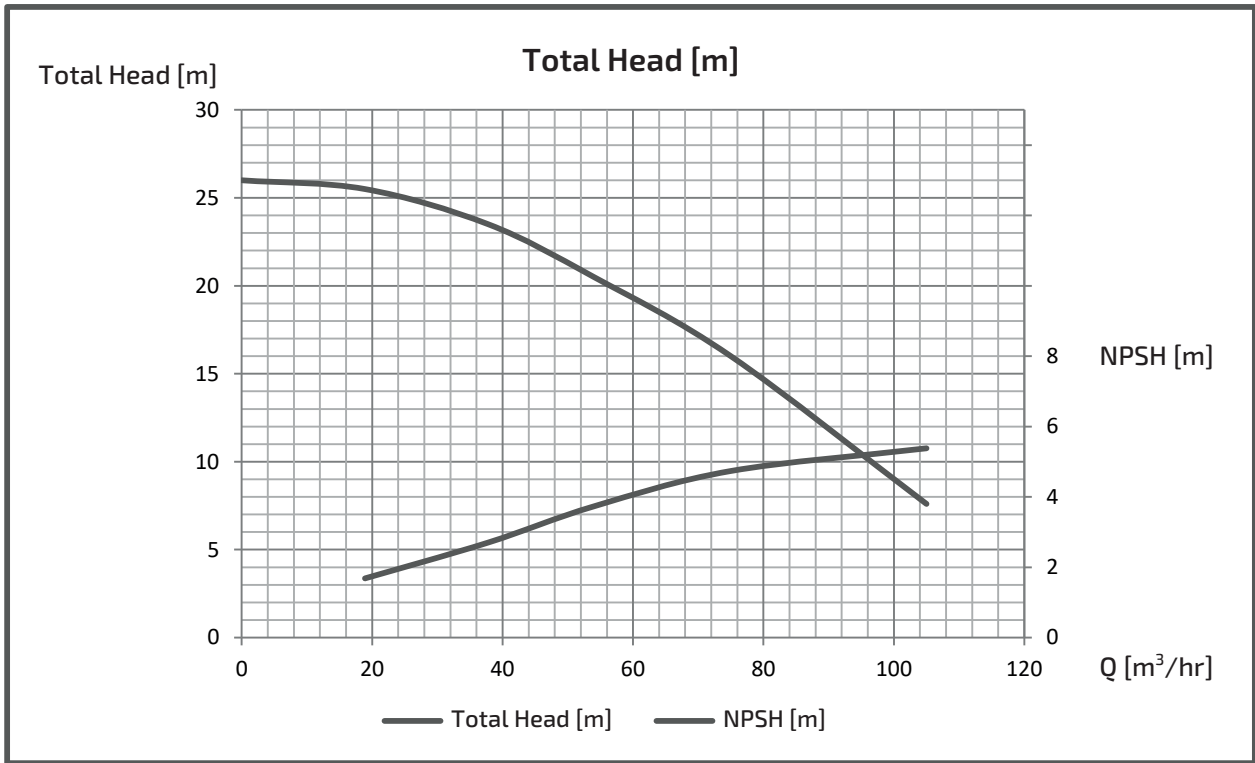
■ PERFORMANCE CURVES



EXPECTED PERFORMANCE CURVE

MODEL : GS1005ME5.5

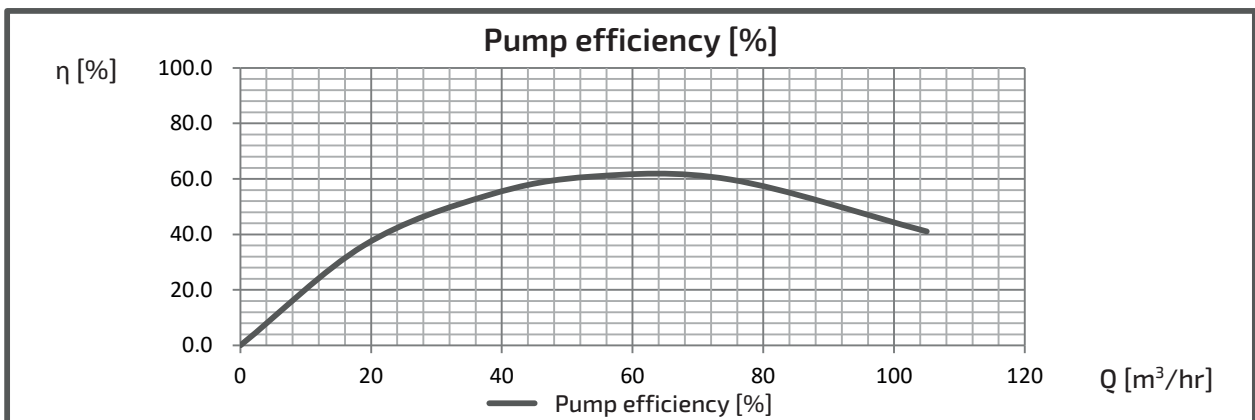
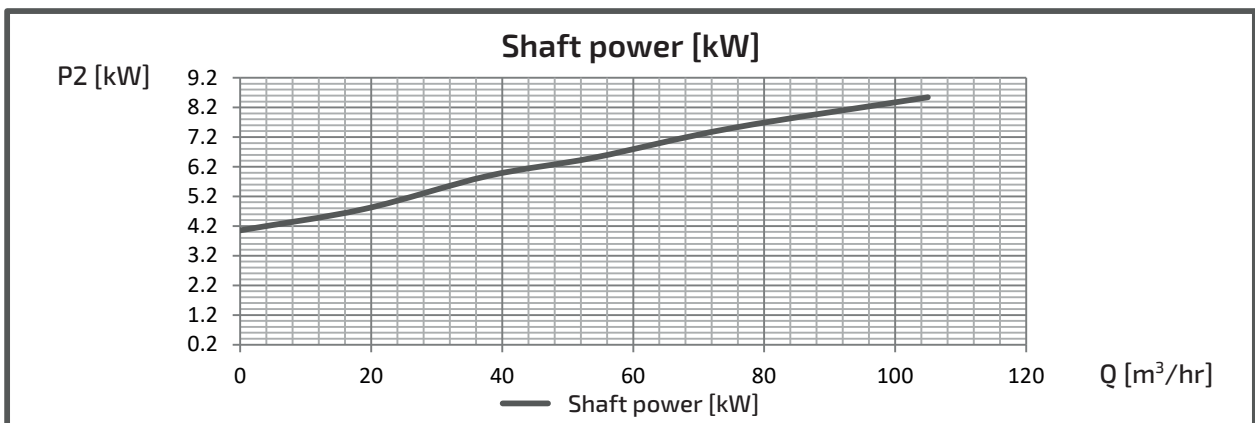
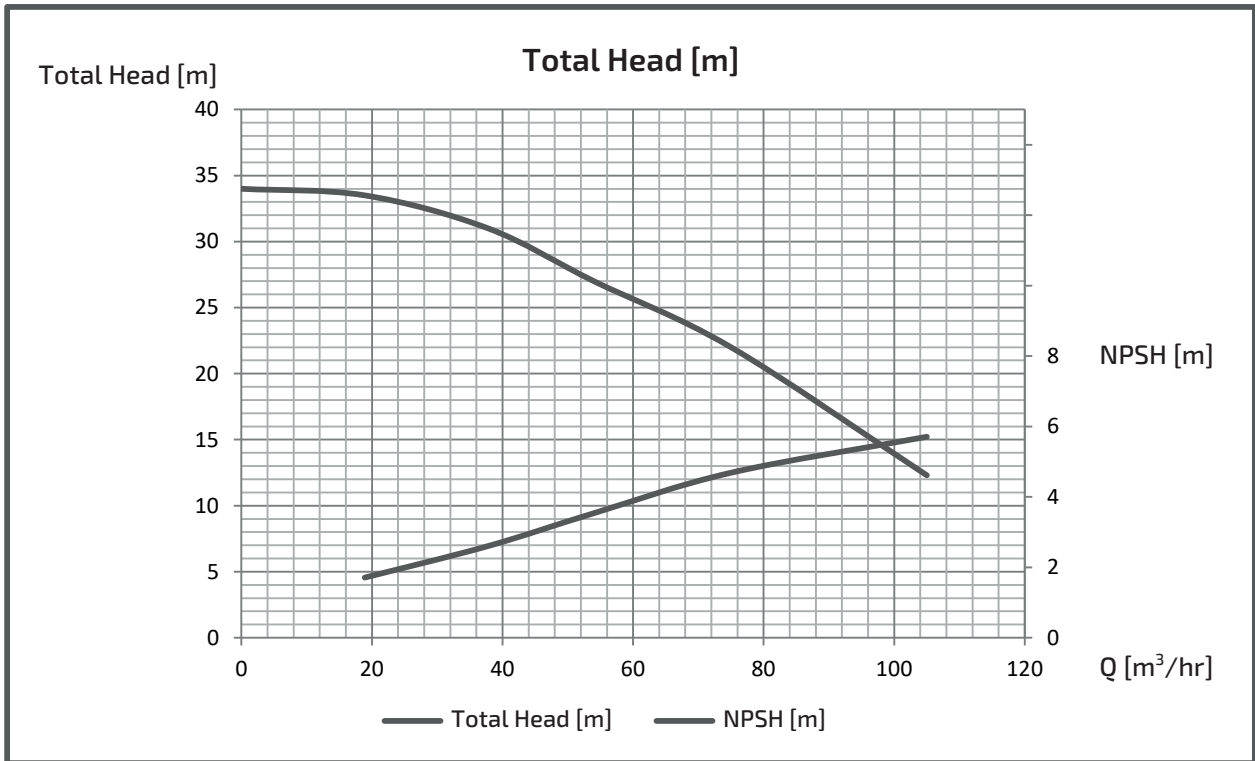
■ PERFORMANCE CURVES



EXPECTED PERFORMANCE CURVE

MODEL : GS1005ME7.5

■ PERFORMANCE CURVES



IMPORTANT SAFETY PRECAUTIONS

Always read the manual thoroughly and fully comprehend the contents for safe operation before starting use. Precautions for using products safely and for preventing personal injuries or physical damage are given in the manual.

- Matters falling under the following may not be covered by the warranty: uses out of the specified scope of application, failure to comply with precautions, improper repairs and alterations, matters arising from natural disasters, matters arising from the installation environment (improper power source, foreign objects, sand etc.), non-compliance with laws and regulations or standards pertaining thereto, accidental or intentional damage or injury, replacement of consumable parts, defects due to resale, etc.
- Do not use the product for applications out of the product specifications. Doing so may cause electric shock, fire, water leakage, etc.
- Have spare equipment ready when using pumps for equipment for living things (fish farms, fish tanks, aquariums, etc.) or critical equipment.
- Pump failure may cause lack of oxygen and water quality deterioration, and may affect the lives of the living things.
When using pumps for equipment for living things (fish farms, fish tanks, aquariums, etc.), do not install the pump in the tank where the living things are put into. The current leakage or sealing liquid leak from the mechanical seal may cause the death of the living things.
- If used to transport food-related items, give due consideration to the materials used. Contamination by foreign objects may occur.
- Avoid using for living things which disagrees with copper alloy. It may affect the lives of the living things.
- Select a product which is appropriate for your application. Inappropriate use of products may cause accidents.
- Conduct construction in accordance with the applicable laws and regulations (the Technical Standards of Electric Installation, interior wiring regulation, Building Standards Act, Water Supply Law, etc.). Not only does it violate the laws and regulations, but it also may cause injuries due to electric shock, fire, falling and tipping over.
- Do not use in places where people are assumed to get in contact with the product (baths, pools, lakes, etc.). Electric leak may occur and cause electric shock.
- Depending on the equipment, attach a filter etc. appropriate for your application on the discharge side before use, perform thorough flushing to check that there is no contamination. Cutting oil, rubber mold releasing agent, foreign objects etc. from the manufacturing line and cutting oil, foreign objects etc. from the pipeline may contaminate the liquid which is to be handled.
- Do not operate pumps with a specification of 50Hz at 60Hz. It may cause damage due to overpressure or burn damage of motors etc. due to overload. Do not operate pumps with a specification of 60Hz at 50Hz. Pump performance may be reduced.
- Only repair technicians may disassemble, repair, modify the product or replace cables. Defects may cause failure, damage, electrification or fire.
- It is recommended that both periodic and daily inspections be performed in order to ensure that the pump will operate reliably for as long as possible. Failure to perform inspections may lead to pump failure, accidents etc. For periodic inspections, please consult your distributor or our nearest sales office.

Note

Specifications/Configurations may be altered as a result of improvements and such.
Unauthorized reproduction of this document is prohibited.